

ABBREVIATIONS

A	Amperage	DEPT	Department	HP	High Point	NA	Not Applicable	SCH	Schedule
AB	Anchor Bolt	DET	Detail	HS	High Strength	NAT	Natural	SECT	Section
AC	Air Conditioning	DF	Drinking Fountain	HT	High Tension	NEG	Negative	SEL	Select
ABV	Above	DIAG	Diagonal	HT	High Tension	NEF	Noise Frequency	SEP	Separate
ACT	Acoustical Ceiling Tile	DM	Dimension	HTR	Heater	NIC	Not In Contract	SER	Serial
ACT	Actual	DIV	Divide	HTS	High Tensile Strength	NIN	Number	SFL	Smooth Faced
ADH	Adhesive	DL	Dead Load	HVAC	Heating, Ventilation & Air Conditioning	NOM	Nominal	SF	Square Feet
ADJ	Adjacent	DS	Down	HW	Hot Water	NP	Not Plated	SG	Single
AFF	Above Finish Floor	DOZ	Dozen	HW	Hot Water	NRC	Noise Reduction Coefficient	SIM	Similar
AGGR	Aggregate	DP	Dampproofing	HWY	Highway	NS	Near Side	SK	Sink
AL	Aluminum	DR	Door	HXR	Hydrant	NTS	Not To Scale	SM	Small
ALLOW	Allowance	DR	Drain	ID	Inside Diameter	OC	On Center	SOG	Slab on Grade
ALM	Alternate	DS	Double Strength	IJ	Isolation Joint	OCT	Octagonal	SOL	Solid
ALUM	Aluminum	DS	Downspout	IU	Immunite	OFF	Office	SP	Stand Pipe
APPX	Approximate / Appendix	DUP	Duplicate	ILLUM	Illuminate	OPN	Opening	STR	Straight
APT	Apartment	ELEV	Elevator	INCP	Incorporated	OPN	Opening	SPEC	Specification
ARCH	Architectural	E	East	INC	Incorporated	OPN	Opening	SPKR	Speaker
ASPH	Asphalt	EA	Each	INCL	Included	OPP	Opposite	SPRK	Sprinkler
ASSN	Association	EF	Each Face	INDL	Industrial	OPT	Optional	SQ	Square
ASSY	Assembly	EIFS	Exterior Insulation and Finish System	INF	Infinite	ORIG	Original	SS	Single Strength
AUTO	Automobile	EJ	Explanation Joint	INFO	Information	OUT	Outlet, Outside	ST	Street
AVE	Avenue	EJ	Explanation Joint	INR	Impact Noise Rating	OV	Over	SST	Stainless Steel
AVG	Average	EL	Elevation	INST	Installed	OVDH	Overhead	ST	Steel
B/(B.O.)	Bottom of	ELEV	Elevation	INSUL	Insulation	PART	Partition	STAG	Staggered
BD	Board	ELEV	Elevator	INT	Interior	PC	Percent	STATN	Stationary
BDY	Boundary	EMB	Embedment	INTL	International	PCT	Percent	STD	Standard
BL	Building	ENAM	Enamel	IPS	Iron Pipe Size	PERF	Perforated	STL	Steel
BLDG	Building	ENGR	Engineer	J	Joint	PERM	Permanent	STN	Stone
BLW	Below	ENTR	Entrance	JB	Joint	PERP	Perpendicular	STOR	Storage
BM	Beam	EQUIP	Equipment	JCT	Junction	PH	Phase	STR	Strength
BOT	Bottom	EST	Estimated	JR	Joint	PL	Plate	STRUC	Structurcom
BR	Bedroom	EW	Each Way	JT	Joint	PL	Plate	STRUC	Structurcom
BRG	Bearing	EXC	Excavate	K	Kips (Kilopounds)	PLAM	Plastic Laminate	SUB	Substitute
BSMT	Basement	EXH	Exhaust	KD	Knin Dried	PLN	Plane	SURF	Surface
BTWN	Between	EXP	Exposed	KD	Knock Down	PLYWD	Plywood	SUSP	Suspended
C/C	Center to Center	EXT	Exterior	L	Left	PMP	Pump	SWM	Single Weight
CAB	Cabinet	FAB	Fabricate	L	Left	PMP	Pump	SYM	Symmetrical
CAP	Capacity	FB	Flat Bar	LAB	Laboratory	PNL	Panel	SYS	System
CAT	Catalog	FD	Floor Drain	LAM	Laminated	PNT	Paint	T/T (D.)	Top of
CAT	Circuit Breaker	FDN	Foundation	LAG	Laguer	PORT	Portable	T&G	Tongue & Groove
CF	Circum Feet	FEE	Finish Floor Elevation	LAV	Laboratory	POS	Positive	TC	Top Chord
CI	Cast Iron	FIG	Figure	LF	Low Frequency	PR	Pair	TD	Trench Drain
CIP	Cast Iron Pipe	FIN	Finish	LG	Large	PREFAB	Prefabricated	TECH	Technical
CIR	Circular	FIX	Fixture	LGTH	Length	PRELIM	Preliminary	TEMP	Telephone
CIRC	Circular	FL	Flashing	LH	Left Hand	PREP	Preparation	TEL	Temperature, Temporary
CL	Clearance	FL	Floor	LIC	Licensed	PRGM	Program	THK	Thickness
CLG	Centerline	FLD	Folding	LIN	Linear	PRL	Parallel	THRES	Threshold
CLG	Centerline	FLG	Flange	LINO	Lineolium	PROP	Property	THRU	Through
CLG	Centerline	FLG	Flooring	LIQ	Liquid	PT	Part	TOL	Tolerance
CLGK	Caulking	FLUOR	Fluorescent	LLH	Long Leg Horizontal	PTD	Painted	TOS	Top Of Steel
CLOS	Close	FO	Face of	LVL	Long Leg Vertical	PT	Point	TOT	Total
CLR	Clear	FP	Freezing Point	LNTL	Lintel	PVC	Polyvinyl Chloride	TRNS	Transparent
CMFTR	Computer	FRP	Fiber Reinforced Plastics	LP	Low Point	PWR	Power	TRANSV	Transverse
CMU	Concrete Masonry Unit	FRPF	Firproof	LT	Light	QC	Quality Control	TV	Television
CNCL	Concealed	FRT	Fire Retardant Treated	LTD	Limited	QT	Quantity	TYP	Typical
CND	Conduit	FS	Fat Side	LVL	Level	UNF	Unfinished	UNGD	Underground
CO	Change Order	FTG	Footing	LWC	Light Weight Concrete	UNO	Unless Noted Otherwise	UPR	Upper
CO	Cleanout	FURN	Furnished	MAINT	Maintenance	MAN	Manual	UPR	Ultra Violet
CO	Company	FUT	Future	GA	Gage	MANUF	Manufacturer	URV	UV
COM	Common	GALV	Galvanized	MAS	Masonry	R/RAD	Radius	VAR	Voltage
COMB	Combination	GAR	Garage	MATL	Material	RBR	Rubber	V	Variable/Varies
COMP	Composition	GFCR	Glass Fiber Concrete	MAX	Maximum	RCPT	Receptacle	VENT	Ventilation
COMP	Compressive	GFRC	Glass Fiber Concrete	MBR	Member	RCVD	Received	VERT	Vertical
CONC	Concrete	GFRG	Reinforced Concrete	MECH	Mechanical	RECT	Rectangular	VIB	Vibrate
CONSTR	Construction	GI	Galvanized Iron	MEMB	Membrane	REF	Refrigerator	VOL	Volume
CONT	Continuous, Continuous	GOVT	Government	MEMO	Memorandum	REIN	Reinforcement	V	Versus
CONTR	Copper	GWB	Gypsum Wall Board	MGR	Manager	REL	Relative	VS	Versus
COP	Copper	QWT	Glassed Wall Tile	GYP	Gypsum	REMO	Remove	W	West
CORP	Corporation	HB	Hose Bib	HD	Hard	REQD	Required	W	With
CORR	Corrugated	HDWR	Hardware	HO	Head	REV	Revision	WC	Watercloset/Watercooler
CPM	Critical Path Method	HO	Head	MO	Masonry Opening	ROOF	Roofing	WD	Width
CR	Cold Rolled	HW	Hardware	MOD	Modification	RGH	Rough	WID	Width
CS	Countersink	CV	Check Valve	MP	Melting Point	RH	Right Hand	WIND	Window
CT	Ceramic Tile	CW	Cold Water	HGT	Height	MRK	Mark	WH	Waterheater
CTD	Coated	CTR	Center	HMDR	Hollow Metal Door	HM	Hollow Metal	WM	Wire Mesh
CU	Cubic	DB	Datum	HNDRL	Handrail	HNDRL	Handrail	WP	Waterproofing
CV	Check Valve	DB	Datum	HOR	Horizontal	HCL	Hollow	WP	Working Point
CW	Cold Water	DAT	Datum	HOR	Horizontal	HCL	Hollow	WT	Weight
D	Diameter	DB	Datum	HOSP	Hospital	HOR	Horizontal	WVF	Welded Wire Fabric
DAT	Datum	DB	Datum	HOSP	Hospital	HOR	Horizontal	WVM	Welded Wire Mesh
DB	Dry Bulb	DCL	Door Closer	HP	High Performance	N	North		
DBL	Double	DEG	Degree						

MATERIAL SYMBOLS

	GYPSUM WALLBOARD		STONE		SPLIT FACE/GROUND FACE CMU
	ACOUSTICAL TILE		INSULATION		BATT INSULATION
	METAL		SUBSURFACE		CONCRETE
	METAL - SMALL SCALE		CONCRETE		LIGHTWEIGHT CONCRETE
	WOOD		MASONRY		CONCRETE MASONRY UNIT
	WOOD BLOCKING OR SHIM				
	FINISH WOOD				
	PLYWOOD				

APPLICABLE CODES

- 2020 FLORIDA BUILDING CODE, BUILDING (FBC-B) 7TH EDITION
- 2020 FLORIDA BUILDING CODE, EXISTING BUILDING (FBC-EB) 7TH EDITION
- 2020 FLORIDA BUILDING CODE, MECHANICAL (FBC-M) 7TH EDITION
- 2020 FLORIDA BUILDING CODE, PLUMBING (FBC-P) 7TH EDITION
- 2020 FLORIDA BUILDING CODE, ENERGY CONSERVATION 7TH EDITION
- 2020 FLORIDA BUILDING CODE, ACCESSIBILITY (FBC-A) 7TH EDITION
- 2020 FLORIDA FIRE PREVENTION CODE (FFPC) 7TH EDITION
- 2017 NATIONAL ELECTRIC CODE (NEC) NFPA 70

PROJECT DATA

PROJECT NAME:	VERIZON NEXTGEN REFRESH - LAKE CITY, FL
OCCUPANCY GROUP:	MERCANTILE (M) (NO CHANGE TO EXISTING)
TOTAL OCCUPANT LOAD:	77 TOTAL OCCUPANTS
CONSTRUCTION TYPE:	II-B (NO CHANGE TO EXISTING)
FIRE PROTECTION SYSTEMS:	
FIRE ALARM SYSTEM:	NO
FULLY SPRINKLERED AND MONITORED:	NO
TOTAL EXISTING TENANT AREA:	3,180 SF (GROSS)
TOTAL PROPOSED WORK AREA:	2,109 SF (GROSS)
NUMBER OF STORIES ABOVE GRADE:	1 (NO CHANGE TO EXISTING)

SCOPE OF WORK - LEVEL (3) ALTERATION

SCOPE OF WORK CONSISTS OF AN INTERIOR ALTERATION OF THE EXISTING TENANT SPACE IN EXISTING BUILDING WHICH WAS BUILT UNDER SEPARATE BUILDING PERMITS. **PROJECT CONSISTS OF PHASED CONSTRUCTION TO ALLOW STORE TO REMAIN OPEN FOR BUSINESS.** NO MODIFICATIONS TO EXISTING PLUMBING, MECHANICAL, STRUCTURE, EXTERIOR FACADE, SIGNAGE, AND SITE PLAN INCLUDED WITHIN SCOPE OF THIS PROJECT. ALTERATION OF THIS SPACE DOES NOT REQUIRE MODIFICATIONS TO EXISTING HVAC SYSTEM(S) AND/OR AIR DISTRIBUTION TRUNK DUCTWORK. AIR DEVICES SHALL BE REINSTALLED WITHIN NEW CEILING AT EXISTING CEILING HEIGHT AND WITHIN EXISTING LOCATIONS. NO HVAC DRAWINGS TO BE ISSUED. A BRIEF DESCRIPTION OF THE PROJECT SCOPE IS AS FOLLOWS:

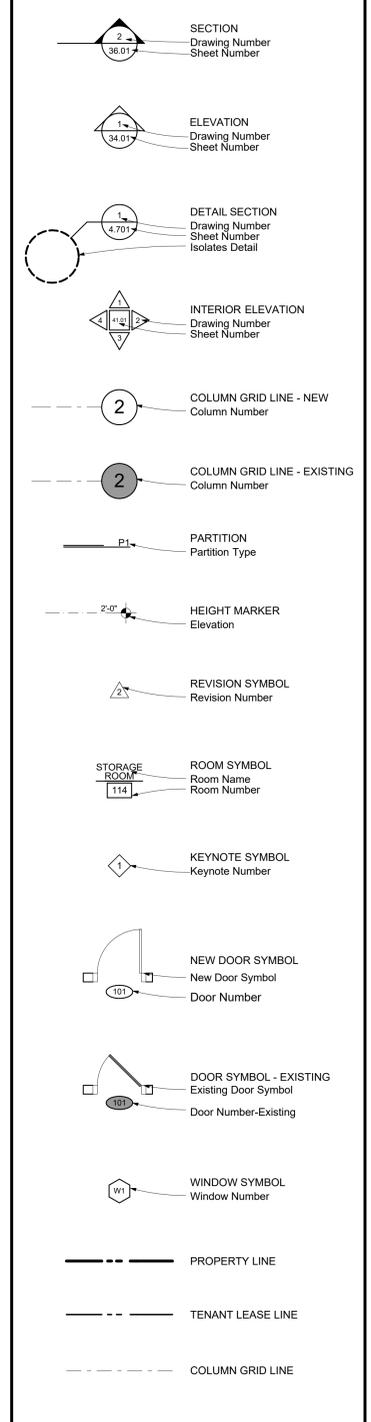
- DEMOLITION WORK SHALL INCLUDE REMOVAL OF EXISTING INTERIOR PARTITIONS, SOFFITS, CEILINGS, FIXTURES AND FINISHES. IN ADDITION, FLOOR TRENCHING WHICH WILL BE REQUIRED FOR NEW ELECTRICAL FLOOR BOXES. SEE DEMOLITION PLANS FOR ADDITIONAL INFORMATION.
- NEW WORK SHALL INCLUDE CONSTRUCTION OF INTERIOR NON-BEARING PARTITIONS, NEW CEILINGS, ETC. NEW INTERIOR FLOOR AND WALL FINISHES TO BE INSTALLED. SEE PLANS FOR ADDITIONAL INFORMATION.
- ELECTRICAL WORK TO INCLUDE ALL DISTRIBUTION RECEPTACLES AND NEW LIGHTS. SEE ELECTRICAL PLANS FOR ADDITIONAL INFORMATION.

ALL MATERIALS AND CONSTRUCTION TECHNIQUES IN ALL GENERAL CONSTRUCTION AND ELECTRICAL WORK SHALL BE PERFORMED IN ACCORDANCE WITH ALL APPLICABLE CODES LISTED ON THIS SHEET, LOCAL AMENDMENTS, ITS LOCAL JURISDICTION AND ALL INDUSTRY STANDARDS. ALL WORK SHALL BE DONE IN A FIRST CLASS MANNER USING STANDARD CONSTRUCTION PRACTICES AND ACCORDING TO THE RULES AND REGULATIONS OF THE GOVERNING BUILDING DEPARTMENT.

GENERAL NOTES

- ALL MATERIALS AND CONSTRUCTION TECHNIQUES IN ALL ARCHITECTURAL, STRUCTURAL, MECHANICAL, PLUMBING, FIRE PROTECTION, AND ELECTRICAL WORK SHALL BE PERFORMED IN ACCORDANCE WITH ALL APPLICABLE CODES LISTED ON THIS SHEET, LOCAL AMENDMENTS, ITS LOCAL JURISDICTION AND ALL INDUSTRY STANDARDS. ALL WORK SHALL BE DONE IN A FIRST CLASS MANNER USING STANDARD CONSTRUCTION PRACTICES AND ACCORDING TO THE RULES AND REGULATIONS OF THE GOVERNING BUILDING DEPARTMENT.
- THE CONTRACTOR SHALL COMPLY WITH ANY EXISTING STATE AND APPLICABLE THE CONTRACTOR SHALL COMPLY WITH APPLICABLE STATE, COUNTY, AND CITY REGULATIONS AND/OR LEGISLATION REGARDING THE CONTROL OF POLLUTION AS IT APPLIES TO THE WORK.
- CLARIFICATION: IF THE CONTRACT DRAWINGS ARE FOUND TO BE UNCLEAR, AMBIGUOUS, OR CONTRADICTORY, THE CONTRACTOR MUST REQUEST CLARIFICATION FROM THE ARCHITECT BEFORE PROCEEDING WITH THAT PART OF THE PROJECT WORK.
- THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL SAFETY PRECAUTIONS AND STANDARDS TO INSURE THE SAFETY OF ALL PERSONS ON THE SITE.
- THE TERM "PROVIDE" SHALL MEAN FURNISH AND INSTALL.
- THE CONTRACTOR IS TO VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS AND REPORT ANY DISCREPANCIES IMMEDIATELY TO THE ARCHITECT.
- ALL WOOD MATERIALS, INCLUDING BUT NOT LIMITED TO BLOCKING, PLYWOOD AND SHEATHING SHALL BE FIRE RETARDANT TREATED.
- SECURITY VENDOR IS TO COORDINATE EXITING, SECURITY & FIRE ALARM SYSTEM REQUIREMENTS WITH THE FIRE MARSHAL AND CONTRACTOR PRIOR TO THE START OF CONSTRUCTION.
- WHERE APPLICABLE, MODIFICATIONS TO EXISTING SPRINKLER SYSTEM SHALL BE DESIGNED BY OTHERS.
- CONTRACTOR SHALL BE RESPONSIBLE FOR COST & CONSTRUCTION OF ALL JURISDICTION REQUIRED BUILDING INSPECTIONS AS WELL AS SPECIAL INSPECTIONS OF THE FOLLOWING: SOIL, CONCRETE, REINFORCING STEEL, STRUCTURAL STEEL, COLD FORMED FRAMING, & EIFS AS APPLICABLE TO THE SCOPE OF WORK.
- WHERE APPLICABLE, CONTRACTOR TO CARRY COST TO INTERFACE VERIZON FIRE ALARM EQUIPMENT AND DEVICES WITH LANDLORD FIRE ALARM SYSTEM.

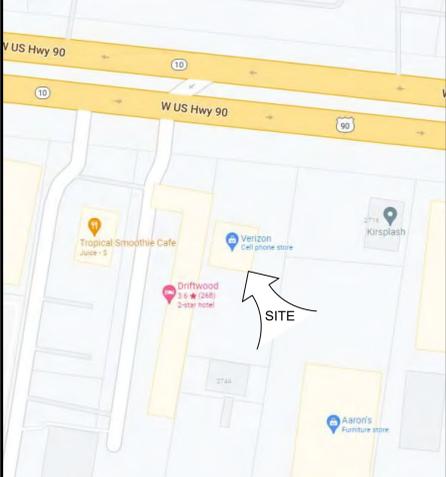
REFERENCE SYMBOLS



DRAWING INDEX

SHEET	DRAWING	ISSUED FOR BIDS	REVISION	ISSUED FOR PERMIT REVIEW	COMMENTS
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10.02	LIFE SAFETY PLAN				
ARCHITECTURAL					
21.01	DEMOLITION FLOOR PLAN & DETAIL				
21.02	DEMOLITION FIXTURE PLAN				
21.03	DEMOLITION REFLECTED CEILING PLAN				
31.01	FLOOR PLAN, DETAILS & DOOR SCHEDULE				
31.02	REFLECTED CEILING PLAN & DETAIL				
31.03	FINISH PLAN, TRANSITION DETAILS & SCHEDULES				
36.01	FIXTURE SECTIONS, CASEWORK & DETAILS				
38.01	FURNITURE, FIXTURE & EQUIPMENT PLAN AND SCHEDULES				
ELECTRICAL					
90.01	SPECIFICATIONS				
90.02	SPECIFICATIONS & ELECTRICAL SYMBOLS LIST				
91.01	DEMOLITION LIGHTING PLAN				
91.02	DEMOLITION POWER PLAN				
92.01	LIGHTING PLAN				
92.02	POWER PLAN				
92.03	LOW VOLTAGE PLAN				
92.04	INTERIOR LOCKER DETAILS				
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93.03	LIGHTING DETAILS				
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93.05	SECURITY DETAILS				
93.06	SECURITY DETAILS				
93.07	OVERHEAD AUDIO				
94.01	SCHEDULES & POWER RISER				

VICINITY MAP - NOT TO SCALE



SITE PLAN - NOT TO SCALE



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PROJECT NUMBER	17759x157	
DRAWN BY	SKJ	
ISSUED DATE	12/20/2022	
NO.	REVISION	DATE
SHEET TITLE		



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PROJECT NAME

Verizon
Lake City
NextGen Refresh

2750 W US Hwy. 90
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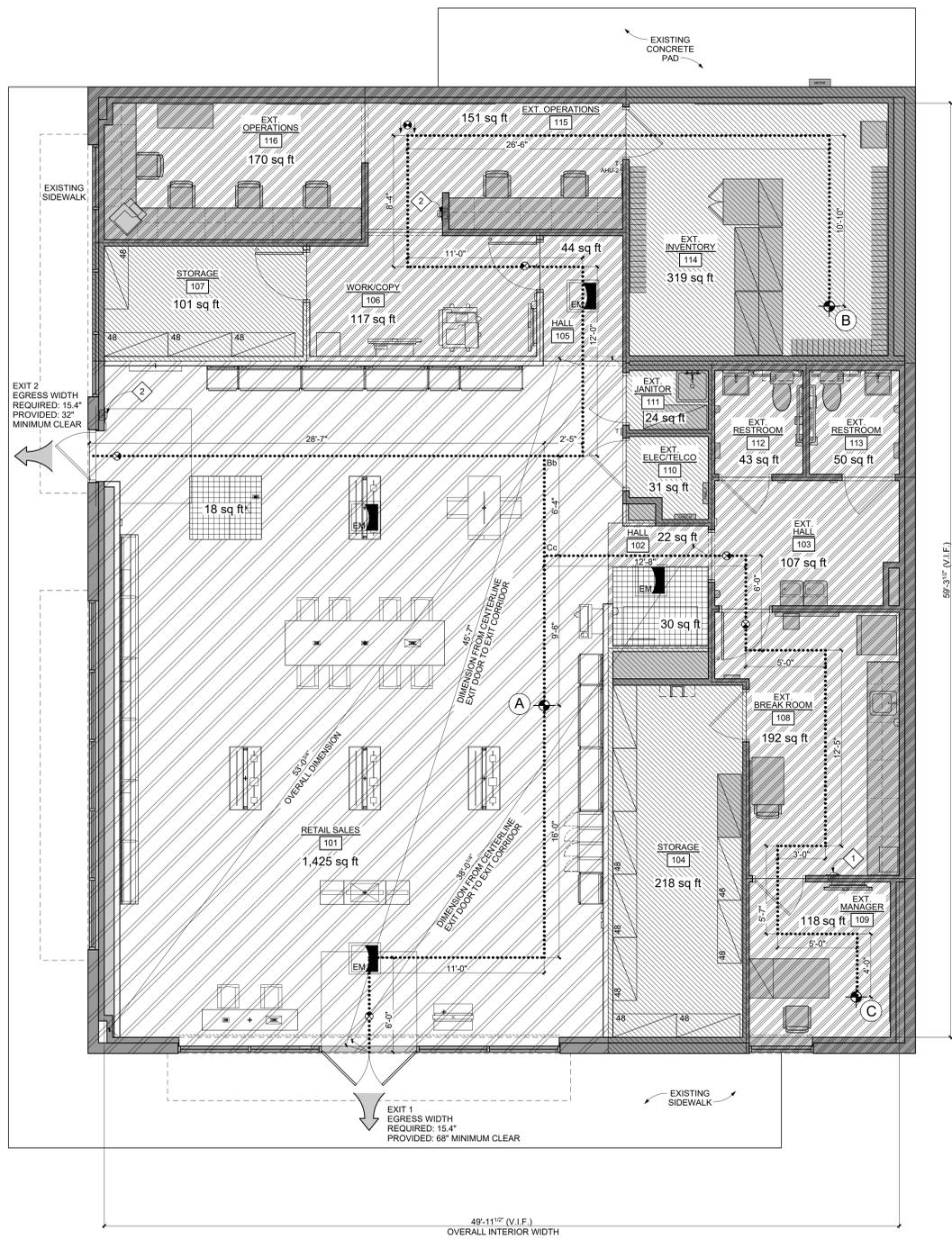
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Cover Sheet

SHEET NUMBER

10.01

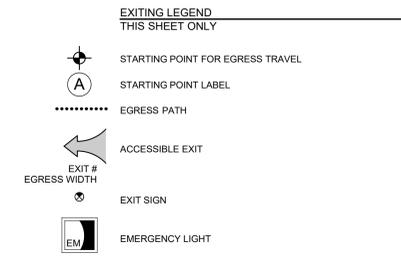
PHASE
Permit Documents



GROUND FLOOR EXIT TRAVEL DISTANCE CHART

EXIT ACCESS TRAVEL DISTANCE ALLOWED:
 WITHOUT SPRINKLER: 200 FEET
 WITH SPRINKLER: 250 FEET
 COMMON PATH OF TRAVEL ALLOWED: 75 FEET

EXIT PATH START POINT	COMMON PATH OF TRAVEL	COMMON PATH DISTANCE	EXIT NUMBER	TOTAL DISTANCE TO EXIT	NOTES
A	-	-	EXIT #1	33'-0"	EXISTING
			EXIT #2	44'-5"	EXISTING
B	Bb	71'-1"	EXIT #1	119'-11"	EXISTING
			EXIT #2	99'-8"	EXISTING
C	Cc	53'-8"	EXIT #1	102'-6"	EXISTING
			EXIT #2	88'-7"	EXISTING



GENERAL NOTES THIS SHEET ONLY

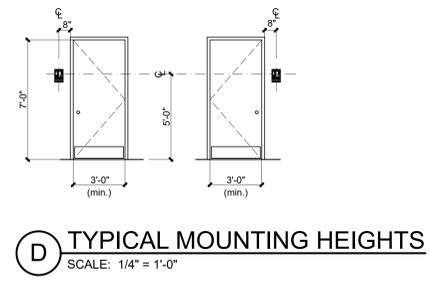
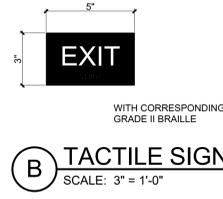
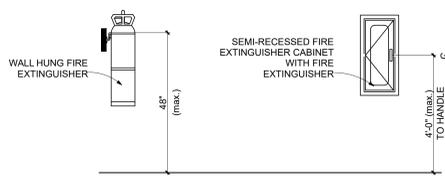
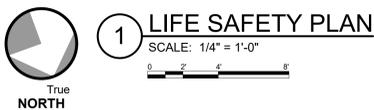
- HANDLES, PULLS, LATCHES, LOCKS AND OTHER OPERABLE PARTS ON ACCESSIBLE DOORS SHALL HAVE A SHAPE THAT IS EASY TO GRASP WITH ONE HAND AND DOES NOT REQUIRE TIGHT GRASPING, PINCHING OR TWISTING OF THE WRIST TO OPERATE. OPERABLE PARTS OF SUCH HARDWARE SHALL BE 34 INCHES MINIMUM AND 48 INCHES MAXIMUM ABOVE THE FLOOR. SEE DOOR SCHEDULE AND APPLICABLE ACCESSIBILITY CODE FOR ADDITIONAL INFORMATION.

KEYNOTES THIS SHEET ONLY

- RELOCATED FIRE EXTINGUISHER CABINET WITH FIRE EXTINGUISHER (EQ070). COORDINATE FINAL LOCATION WITH LOCAL FIRE MARSHAL. SEE SHEET 10.02 FOR ADDITIONAL INFORMATION.
- EXISTING FIRE EXTINGUISHER TO REMAIN. COORDINATE FINAL LOCATION WITH LOCAL FIRE MARSHAL. SEE SHEET 10.02 FOR ADDITIONAL INFORMATION.

ROOM BY ROOM SCHEDULE OF OCCUPANCY USE & EGRESS OCCUPANT LOAD CALCULATIONS (BASED ON LIFE SAFETY CODE)

ROOM NUMBER	USE	USE CLASS	SIZE SQFT	SQFT/PERSON	NO. PERSONS
101	RETAIL SALES	M	1,485 SF	(NFPA 101) 30g	50
101	RETAIL SALES	A2	18 SF	7n	3
102	HALL	B1	22 SF	150g	1
102	HALL	A2	30 SF	7n	5
103	EXISTING HALL	B1	107 SF	150g	1
104	STORAGE	S2	218 SF	300g	1
105	HALL	B1	44 SF	150g	1
106	WORK/COPY	B1	117 SF	150g	1
107	STORAGE	S2	101 SF	300g	1
108	EXISTING BREAK ROOM	B1	192 SF	150g	2
109	EXISTING MANAGER	B1	118 SF	150g	1
110	EXISTING ELEC./TELCO	S2	31 SF	300g	1
111	EXISTING JANITOR	S2	24 SF	300g	1
112	EXISTING RESTROOM	B1	43 SF	150g	1
113	EXISTING RESTROOM	B1	50 SF	150g	1
114	EXISTING INVENTORY	S2	319 SF	300g	2
115	EXISTING OPERATIONS	B1	151 SF	150g	2
116	EXISTING OPERATIONS	B1	170 SF	150g	2
TOTAL OCCUPANCY LOAD					77 OCC
REQUIRED EGRESS WIDTH (INCHES) 77 OCC x 0.21 OCC					15.4
PROVIDED EGRESS WIDTH (INCHES)					100"



ACCESSIBILITY SIGNAGE NOTES:

- LETTERS AND NUMBERS SHALL BE RAISED 1/32", UPPER CASE, SANS SERIF OR SIMPLE SERIF TYPE AND SHALL BE ACCOMPANIED WITH GRADE 2 BRAILLE. RAISED CHARACTERS SHALL BE AT LEAST 5/8" HIGH, BUT NO HIGHER THAN 2". PICTOGRAMS SHALL BE ACCOMPANIED BY THE EQUIVALENT VERBAL DESCRIPTION PLACED DIRECTLY BELOW THE PICTOGRAMS. THE BORDER DIMENSION OF THE PICTOGRAM SHALL BE 6" MINIMUM IN HEIGHT.
- WHERE PERMANENT IDENTIFICATION IS PROVIDED FOR ROOMS AND SPACES, SIGNS SHALL BE INSTALLED ON THE WALL ADJACENT TO THE LATCH SIDE OF THE DOOR, WHERE THERE IS NO WALL SPACE TO THE LATCH SIDE OF THE DOOR, INCLUDING AT DOUBLE LEAF DOORS, SIGNS SHALL BE PLACED ON THE NEAREST ADJACENT WALL. MOUNTING HEIGHT SHALL BE 60" A.F.F. TO THE CENTERLINE OF THE SIGN. MOUNTING LOCATION FOR SUCH SIGNAGE SHALL BE SO THAT A PERSON MAY APPROACH WITHIN 3" OF SIGNAGE WITHOUT ENCOUNTERING PROTRUDING OBJECTS OR STANDING WITHIN THE SWING OF A DOOR.
- TOILET ROOM DOOR SYMBOL SHALL BE IN CONTRASTING COLOR.

NOTE:
 WALL MOUNTED SIGNAGE TO BE LOCATED ON LATCH SIDE OF DOOR, CLEAR OF DOOR SWING. MOUNT AT 60" TO CENTERLINE OF SIGN FROM FLOOR.

STAMP

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PROJECT NAME

Verizon
Lake City NextGen Refresh
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PROJECT NUMBER	17759x157	
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NO.	REVISION	DATE

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SHEET TITLE

Life Safety Plan

SHEET NUMBER

10.02

PHASE
Permit Documents

DEMOLITION NOTES THIS SHEET ONLY

- THE CONTRACTOR SHALL NOT CONSIDER DEMOLITION NOTES ALL INCLUSIVE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO INSPECT AND ASSESS EACH AREA AND TO FULFILL THE INTENT OF THE WORK INDICATED BY THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL VERIFY ALL CONDITIONS AND DIMENSIONS WITHIN THE CONTRACT LIMITS. ALL DEVIATIONS FROM THE CONTRACT DOCUMENTS NECESSITATED BY FIELD CONDITIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT/OWNER.
- THE GENERAL CONTRACTOR IS RESPONSIBLE FOR THE STRUCTURAL STABILITY OF THE EXISTING STRUCTURE IN THE AREAS INVOLVING NEW WORK AND FOR PROTECTING THE EXISTING STRUCTURE FROM DAMAGE DURING THE COURSE OF THE WORK. THIS WILL INCLUDE SUPPLYING AND INSTALLING SHORING, NEEDLES, BULKHEADS AND ANY OTHER ITEMS NECESSARY FOR THE PROTECTION AND STABILITY OF THE BUILDING. NO WORK THAT WILL JEOPARDIZE THE STRUCTURAL INTEGRITY OF THE BUILDING SHALL BE DONE WITHOUT CONSULTING THE STRUCTURAL ENGINEER OR ARCHITECT.
- THE CONTRACTOR SHALL TAKE ALL POSSIBLE PRECAUTIONS AGAINST DAMAGING ANY EXISTING CONSTRUCTION TO REMAIN. ANY DAMAGES CAUSED BY THE CONTRACTOR'S OPERATIONS SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE TO THE COMPLETE SATISFACTION OF THE OWNER OF THE PROPERTY SO DAMAGED.
- THE CONTRACTORS SHALL EXAMINE THE DRAWINGS AND ALL SECTIONS OF THE SPECIFICATIONS AND FAMILIARIZE THEMSELVES WITH ALL OTHER AVAILABLE DRAWINGS INCLUDING ALL COSTS NECESSARY TO COMPLETE WORK. REVIEW WITH ARCHITECT PRIOR TO PROCEEDING WITH WORK IF ANY CONFLICTING INFORMATION IS PROVIDED.
- THE CONTRACTOR SHALL DISPOSE ALL CONSTRUCTION WASTE IN A LAWFUL MANNER IN COMPLIANCE WITH APPLICABLE CODES AND REGULATIONS.
- UPON DISCOVERY OF ANY MATERIALS DEEMED OR SUSPECTED TO BE HAZARDOUS, SUCH AS BUT NOT LIMITED TO ASBESTOS OR LEAD PAINTS, MATERIAL SHALL BE LEFT IN ITS PRESENT CONDITION AND THE OWNER OR OWNER'S REPRESENTATIVE CONTACTED.
- THE CONTRACTOR SHALL DISCONNECT, REMOVE, STORE, REINSTALL AND RECONNECT ANY EQUIPMENT TO REMAIN AND/OR REUSED AS REQUIRED TO INSTALL NEW WORK, EQUIPMENT, ETC.
- PATCH AND REPAIR ALL EXISTING SURFACES DISTURBED BY DEMOLITION AS NEEDED IN PREPARATION FOR NEW FINISHES.
- REPAIR SLAB AND VAPOR BARRIER AS REQUIRED TO MATCH EXISTING, WHERE APPLICABLE.
- DEMOLISH FINISHES AND/OR PREPARE SURFACE ON FRONT OF HOUSE WALLS AS REQUIRED TO INSTALL NEW FINISHES - SEE FURNITURE, FIXTURE AND EQUIPMENT/FINISH PLAN FOR ADDITIONAL INFORMATION.
- SHADED CONSTRUCTION INDICATES EXISTING CONSTRUCTION TO REMAIN.
- ITEMS SCHEDULED FOR REMOVAL ARE INDICATED BY DASHED LINES.
- LOCATION OF TRENCHES SHOWN FOR DIAGRAMATIC PURPOSES ONLY. CONTRACTOR SHALL COORDINATE WITH PHASING REQUIREMENTS AND VERIZON PROJECT MANAGER TO DETERMINE OPTIMAL LOCATION OF TRENCHES PRIOR TO CUTTING OF SLAB.
- CUTTING AND TRENCHING DEMOLITION WORK IS LIMITED TO EXISTING CONCRETE SLAB FOR NEW ELECTRICAL CONDUITS. IDENTIFY PRECISE FLOOR BOX(S) LOCATION(S) AND DEPTH IN FIELD AS REQUIRED. CONTRACTOR SHALL CONFIRM THAT TRENCHING LOCATIONS SHOWN DO NOT CONFLICT WITH EXISTING BUILDING STRUCTURAL ELEMENTS SUCH AS FOUNDATIONS AND FOOTINGS. THESE ITEMS SHALL REMAIN UNTOUCHED TO ENSURE THE STRUCTURAL INTEGRITY OF THE EXISTING BUILDING.
- ALL DEMOLITION AND EXPOSURE OF INTERIOR SURFACES TO THE EXTERIOR SHALL BE IMMEDIATELY FOLLOWED BY PROTECTIVE CONSTRUCTION. CONTRACTOR SHALL PROVIDE AND INSTALL TEMPORARY PROTECTION IN ALL OPENINGS WHERE EXTERIOR DOORS OR ROOFTOP/MECHANICAL EQUIPMENT HAVE BEEN REMOVED/REPLACED/ADDED.

CONSTRUCTION NOTES THIS SHEET ONLY

- DIMENSIONS ARE TO FACE OF EXISTING WALL. u.n.o.
- DIMENSIONS ARE TO CENTERLINE OR CONTROL POINT OF FIXTURE. u.n.o. - SEE FURNITURE, FIXTURES AND EQUIPMENT SHEET 38.01 FOR ADDITIONAL INFORMATION.
- DIMENSIONS ARE TO FINISHED FACE OF NEW PARTITION. u.n.o. - SEE FLOOR PLAN FOR ADDITIONAL INFORMATION.
- CONTRACTOR SHALL LAYOUT ALL WALLS PRIOR TO LAYOUT OF SLAB CUTS.

LEGEND THIS SHEET ONLY

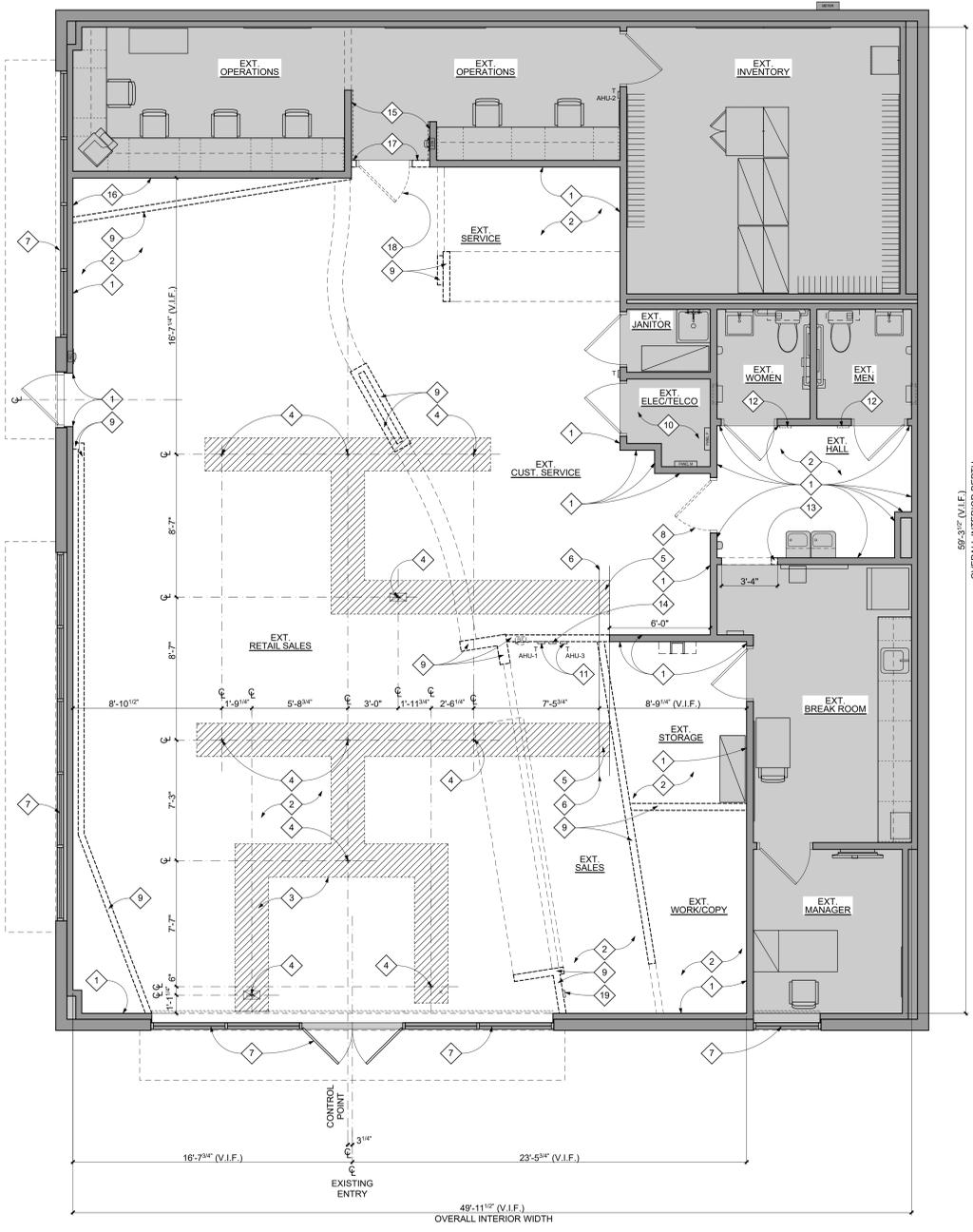
- EXISTING WALL/ DOOR/ CASEWORK, ETC TO REMAIN.
- LOCATION OF NEW WALL TO BE CONSTRUCTED
- AREA OF EXISTING SLAB TO BE REMOVED.
- DEMOLITION ITEMS TO BE REMOVED.

GENERAL NOTES THIS SHEET ONLY

- CONTRACTOR SHALL CLEAN, PATCH AND LEVEL EXISTING CONCRETE SLAB AS REQUIRED FOR NEW FLOOR FINISHES. FLOOR SURFACES SHALL BE CLASSIFIED AS "FLAT" WITH OVERALL F_x AND F_y = 25 PER ASTM E1155 STANDARD TEST METHOD.
- CONTRACTOR SHALL PROVIDE OPTIONAL PRICING TO LEVEL OR SMOOTH FLOORS WITH MAPEI CONCRETE PRIMER & SELF-LEVELING TOPPING FOR DEPRESSIONS GREATER THAN 1". CONTRACTOR SHALL PROVIDE HALEX CORP. VERSASHIELD PRE-FORMED MOISTURE SUPPRESSION MEMBRANE UNDERLAYMENT OVER TOPPING AND UNDER VINYL FLOORING.
- REMOVE ALL DEBRIS FROM ALL ROOMS (typ.).
- CONTRACTOR SHALL PROVIDE GLASS "PAINT" ON INTERIOR OF ALL STOREFRONT WINDOWS DURING DEMOLITION AND CONSTRUCTION WORK AND REMOVE AFTER CONSTRUCTION IS COMPLETE. COLOR SHALL BE WHITE BY: GLASSMASK, INC. 10818 HAWN FREEWAY, DALLAS, TX 75217, PHONE: (403) 735-0775 FAX: (403) 735-0669 E-MAIL: GLASSM@TELUPLANET.NET
- CONTRACTOR SHALL NOTIFY ARCHITECT IMMEDIATELY IF EXISTING COLUMN LOCATIONS AND SIZES ARE DIFFERENT FROM WHAT OCCURS IN THESE DRAWINGS AND OF ANY UNDOCUMENTED STRUCTURAL COLUMNS OR CONDITIONS, PIPES, ETC., WHICH ARE LOCATED IN THE TENANT SPACE BUT DO NOT APPEAR IN THESE DRAWINGS, SO DRAWINGS CAN BE REVISED AS MAY BE REQUIRED TO ACCOMMODATE THE AS-BUILT CONDITIONS.
- ANY EXISTING DRYWALL FINISH WHICH IS EXISTING TO REMAIN SHALL BE PATCHED, PRIMED AND PAINTED TO "LIKE NEW" CONDITION TO ACCEPT NEW FINISHES. CONTRACTOR SHALL DETERMINE THE BEST METHODS FOR PATCHING OR IF THE DRYWALL WILL NEED TO BE REMOVED AND REPLACED TO ACHIEVE DESIRED FINISH. EXAMPLE: PATCH DRYWALL WHERE ITEMS HAVE BEEN REMOVED SUCH AS, BUT NOT LIMITED TO, ELECTRICAL BOXES, TRIM, MIRRORS, DOOR JAMBS, WALLCOVERING, ETC.
- COORDINATE FINAL LOCATION OF POWER AND DATA WITH MILLWORK AND ELECTRICAL DRAWINGS.
- ALL EXISTING ITEMS NOT BEING REUSED SHOULD BE REMOVED IN ITS ENTIRETY.
- CONTRACTOR SHALL PROVIDE 1-HOUR FIRE RESISTANT TEMPORARY CONSTRUCTION BARRIER, TYPICAL. PROVIDE FULL HEIGHT TO UNDERSIDE OF DECK/FLOOR ABOVE OR TO UNDERSIDE OF HARD CEILING IN NON-SPRINKLERED BUILDINGS.

KEYNOTES THIS SHEET ONLY

- EXISTING WALL/PARTITION TO REMAIN. PATCH AND REPAIR AS REQUIRED TO RECEIVE NEW FINISHES AND TO MAINTAIN EXISTING FIRE RESISTANCE RATINGS (WHERE APPLICABLE) - SEE DEMOLITION NOTES THIS SHEET FOR ADDITIONAL INFORMATION.
- REMOVE EXISTING FLOOR FINISHES AND BASE. PREPARE AND READY CONCRETE SLAB AS REQUIRED FOR NEW FINISHES - SEE FINISH PLAN FOR ADDITIONAL INFORMATION.
- CUT AND REMOVE EXISTING SLAB AS REQUIRED FOR ELECTRICAL WORK - COORDINATE WITH ELECTRICAL DRAWINGS - SEE SHEET 21.01 FOR SLAB CUT DETAIL.
- CONTROL POINT FOR POWER/DATA FEED TO FIXTURE - SEE ARCHITECTURAL FURNITURE, FIXTURE AND EQUIPMENT PLAN SHEET 38.01 AND ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
- EXTEND SLAB CUT UNDER WALLS AS REQUIRED TO MAKE CONNECTIONS.
- LOCATION OF FUTURE INTERIOR PARTITION - SEE FLOOR PLAN FOR ADDITIONAL INFORMATION.
- EXISTING ALUMINUM AND GLASS STOREFRONT SYSTEM TO REMAIN.
- EXISTING DOOR, FRAME AND ASSOCIATED HARDWARE TO BE REMOVED IN THEIR ENTIRETY. CONTRACTOR TO PATCH AND REPAIR ADJACENT EXISTING CONSTRUCTION TO MATCH EXISTING.
- EXISTING PARTITION TO BE REMOVED IN ITS ENTIRETY WITHIN LIMITS SHOWN. CONTRACTOR TO PATCH AND REPAIR ADJACENT EXISTING CONSTRUCTION TO MATCH EXISTING.
- EXISTING ELECTRICAL EQUIPMENT TO REMAIN - SEE ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
- EXISTING THERMOSTAT TO BE REMOVED AND RELOCATED - SEE ELECTRICAL DRAWINGS AND FLOOR PLAN FOR ADDITIONAL INFORMATION.
- EXISTING RESTROOM SIGNAGE TO BE REMOVED IN ITS ENTIRETY. CONTRACTOR TO PATCH AND REPAIR ADJACENT EXISTING CONSTRUCTION TO MATCH EXISTING.
- EXISTING PARTITION TO BE REMOVED IN ITS ENTIRETY WITHIN LIMITS SHOWN ON PLAN AND UP TO 7'-0" A.F.F. TO ACCOMMODATE NEW DOOR. CONTRACTOR TO PATCH AND REPAIR ADJACENT EXISTING CONSTRUCTION TO MATCH EXISTING.
- EXISTING CO2 SENSOR TO BE REMOVED AND RELOCATED - SEE ELECTRICAL DRAWINGS AND FLOOR PLAN FOR ADDITIONAL INFORMATION.
- EXISTING WALL BASE AND EXISTING FRP TO BE REMOVED WITHIN LIMITS SHOWN. CONTRACTOR TO PATCH AND REPAIR AS REQUIRED TO ACCEPT NEW FINISHES.
- EXISTING WALL/PARTITION TO REMAIN. PATCH AND REPAIR AS REQUIRED TO RECEIVE NEW FINISHES. FIELD VERIFY IF ADDITION OF NEW LAYER OF GWB WILL BE REQUIRED TO BE INSTALLED ON SALES SIDE. - SEE DEMOLITION NOTES THIS SHEET FOR ADDITIONAL INFORMATION.
- EXISTING PARTITION TO BE REMOVED IN ITS ENTIRETY WITHIN LIMITS SHOWN ON PLAN AND UP TO 8'-0" A.F.F. TO ACCOMMODATE NEW BULKHEAD. CONTRACTOR TO PATCH AND REPAIR ADJACENT EXISTING CONSTRUCTION TO MATCH EXISTING.
- EXISTING DOOR, FRAME AND ASSOCIATED HARDWARE TO BE REMOVED IN THEIR ENTIRETY.
- EXISTING SECURITY KEYPAD AND ASSOCIATED WIRING TO BE REMOVED AND RELOCATED - SEE ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.

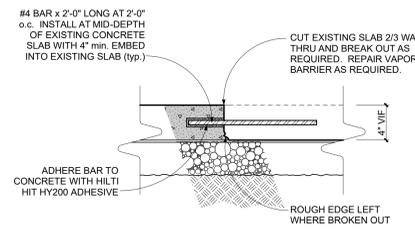


1 DEMOLITION FLOOR PLAN

SCALE: 1/4" = 1'-0"
 True NORTH

CONSTRUCTION NOTES SLAB CUT DETAIL

- CONTRACTOR TO VERIFY EXISTING SLAB CONSTRUCTION IN FIELD. CONTRACTOR TO NOTIFY ARCHITECT IMMEDIATELY IF SLAB IS A STRUCTURAL SLAB. STRUCTURAL SLAB CONDITION WILL REQUIRE CONTRACTOR TO PROVIDE X-RAY INVESTIGATION TO DETERMINE LOCATION OF STRUCTURAL REINFORCEMENTS PRIOR TO CUTTING OR CORE-DRILLING SLAB.
- FOR NON-STRUCTURAL SLAB ON GRADE CONDITIONS, CONTRACTOR TO CUT EXISTING CONCRETE SLAB 2/3 WAY THRU AND BREAK OUT AS REQUIRED TO PRESERVE EXISTING VAPOR BARRIER. CUT EXISTING VAPOR BARRIER ALONG CENTER OF TRENCH AND FOLD BACK AS REQUIRED FOR INSTALLATION OF CONDUIT AND/OR PLUMBING BENEATH SLAB.
- INSTALL REBAR REINFORCEMENT PER DETAIL AT COLD JOINT BETWEEN EXISTING CONCRETE SLAB AND CONCRETE INFILL.
- HAND TAMP SUB-BASE MATERIAL TO MINIMUM DRY DENSITY OF 95 PERCENT OF MAXIMUM DRY DENSITY AS DETERMINED BY ASTM D698.
- TERMITE TREATMENT TO BE APPLIED TO SOIL.
- REPAIR CUT-SEAM OF EXISTING VAPOR BARRIER TO MAINTAIN ORIGINAL INTEGRITY.
- CONCRETE INFILL TO MATCH THICKNESS OF EXISTING SLAB (typ.). PROVIDE SMOOTH STEEL TROWEL FINISH.



2 SLAB CUT DETAIL

SCALE: 1-1/2" = 1'-0"

STAMP

CLIENT/OWNER
Verizon
 James Baxter
 One Verizon Place
 2B1-FAC
 Alpharetta, Georgia 30004

PROJECT NAME

Verizon
Lake City
NextGen Refresh
 2750 W US Hwy. 90
 Lake City, FL 32055

PROJECT NUMBER 17759x157

DRAWN BY SKJ

ISSUED DATE 12/20/2022

NO.	REVISION	DATE

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SHEET TITLE

Demolition Floor Plan & Detail

SHEET NUMBER

21.01

PHASE
Permit Documents

DEMOLITION NOTES
THIS SHEET ONLY

- THE CONTRACTOR SHALL NOT CONSIDER DEMOLITION NOTES ALL INCLUSIVE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO INSPECT AND ASSESS EACH AREA AND TO FULFILL THE INTENT OF THE WORK INDICATED BY THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL VERIFY ALL CONDITIONS AND DIMENSIONS WITHIN THE CONTRACT LIMITS. ALL DEVIATIONS FROM THE CONTRACT DOCUMENTS NECESSITATED BY FIELD CONDITIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT/OWNER.
- THE GENERAL CONTRACTOR IS RESPONSIBLE FOR THE STRUCTURAL STABILITY OF THE EXISTING STRUCTURE IN THE AREAS INVOLVING NEW WORK AND FOR PROTECTING THE EXISTING STRUCTURE FROM DAMAGE DURING THE COURSE OF THE WORK. THIS SHALL INCLUDE SUPPLYING AND INSTALLING SHORING, NEEDLES, BULKHEADS AND ANY OTHER ITEMS NECESSARY FOR THE PROTECTION AND STABILITY OF THE BUILDING. NO WORK THAT WILL JEOPARDIZE THE STRUCTURAL INTEGRITY OF THE BUILDING SHALL BE DONE WITHOUT CONSULTING THE STRUCTURAL ENGINEER OR ARCHITECT.
- THE CONTRACTOR SHALL TAKE ALL POSSIBLE PRECAUTIONS AGAINST DAMAGING ANY EXISTING CONSTRUCTION TO REMAIN. ANY DAMAGES CAUSED BY THE CONTRACTOR'S OPERATIONS SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE TO THE COMPLETE SATISFACTION OF THE OWNER OF THE PROPERTY SO DAMAGED.
- THE CONTRACTORS SHALL EXAMINE THE DRAWINGS AND ALL SECTIONS OF THE SPECIFICATIONS AND FAMILIARIZE THEMSELVES WITH THEIR PROVISIONS REGARDING THE REMOVAL OF EXISTING ITEMS AND WORK. THEY SHALL UNDERSTAND THAT ALL ITEMS AND WORK NOT SPECIFICALLY MENTIONED TO BE REMOVED BY THE REQUIREMENT OF OTHER SECTIONS OF THE SPECIFICATIONS SHALL BE REMOVED AS PART OF THE WORK UNDER THIS SECTION.
- CONTRACTOR SHALL REVIEW DEMOLITION DRAWINGS AND COORDINATE WITH ALL OTHER AVAILABLE DRAWINGS. INCLUDE ALL COSTS NECESSARY TO COMPLETE WORK. REVIEW WITH ARCHITECT PRIOR TO PROCEEDING WITH WORK IF ANY CONFLICTING INFORMATION IS PROVIDED.
- THE CONTRACTOR SHALL DISPOSE ALL CONSTRUCTION WASTE IN A LAWFUL MANNER IN COMPLIANCE WITH APPLICABLE CODES AND REGULATIONS.
- UPON DISCOVERY OF ANY MATERIALS DEEMED OR SUSPECTED TO BE HAZARDOUS, SUCH AS BUT NOT LIMITED TO ASBESTOS OR LEAD PAINTS, MATERIAL SHALL BE LEFT IN ITS PRESENT CONDITION AND THE OWNER OR OWNER'S REPRESENTATIVE CONTACTED.
- THE CONTRACTOR SHALL DISCONNECT, REMOVE, STORE, REINSTALL AND RECONNECT ANY EQUIPMENT TO REMAIN AND/OR REUSED AS REQUIRED TO INSTALL NEW WORK, EQUIPMENT, ETC.
- PATCH AND REPAIR ALL EXISTING SURFACES DISTURBED BY DEMOLITION AS NEEDED IN PREPARATION FOR NEW FINISHES.
- SHADED CONSTRUCTION INDICATES EXISTING CONSTRUCTION TO REMAIN.
- ITEMS SCHEDULED FOR REMOVAL ARE INDICATED BY DASHED LINES.
- ALL DEMOLITION AND EXPOSURE OF INTERIOR SURFACES TO THE EXTERIOR SHALL BE IMMEDIATELY FOLLOWED BY PROTECTIVE CONSTRUCTION. CONTRACTOR SHALL PROVIDE AND INSTALL TEMPORARY PROTECTION IN ALL OPENINGS WHERE EXTERIOR DOORS OR ROOFTOP/MECHANICAL EQUIPMENT HAVE BEEN REMOVED/REPLACED/ADDED.
- EXISTING GRILLES (SUPPLY/RETURN) ARE TO REMAIN IN EXISTING LOCATION. HVAC GRILLES SHALL MATCH CORRESPONDING CEILING COLOR AND SHALL BE REFURBISHED OR REPLACED BEFORE REINSTALLING, UNLESS OTHERWISE NOTED. COORDINATE WITH VERIZON PROJECT MANAGER. NO OTHER MECHANICAL WORK WITHIN SCOPE OF PROJECT - SEE REFLECTED CEILING PLAN FOR ADDITIONAL INFORMATION.
- EXISTING SECURITY SHUTTERS TO REMAIN (u.n.o.).
- WHERE APPLICABLE, EXISTING DUCT SMOKE DETECTORS TO BE REMOVED AND SAVED FOR RELOCATION WITHIN NEW CEILING WITHIN ORIGINAL PROXIMITY.
- THE TENANT RENOVATION OF THIS SPACE DOES NOT REQUIRE ANY MODIFICATION TO THE HVAC SYSTEMS, OR AIR DISTRIBUTION TRUCK DUCTWORK, EXCEPT SLIGHT MODIFICATIONS TO AIR DEVICE LOCATIONS DUE TO INSTALLATION OF THE NEW CEILING GRID TO BE INSTALLED AT THE EXISTING CEILING HEIGHT. NO HVAC DRAWINGS WILL BE ISSUED.**

LEGEND
THIS SHEET ONLY

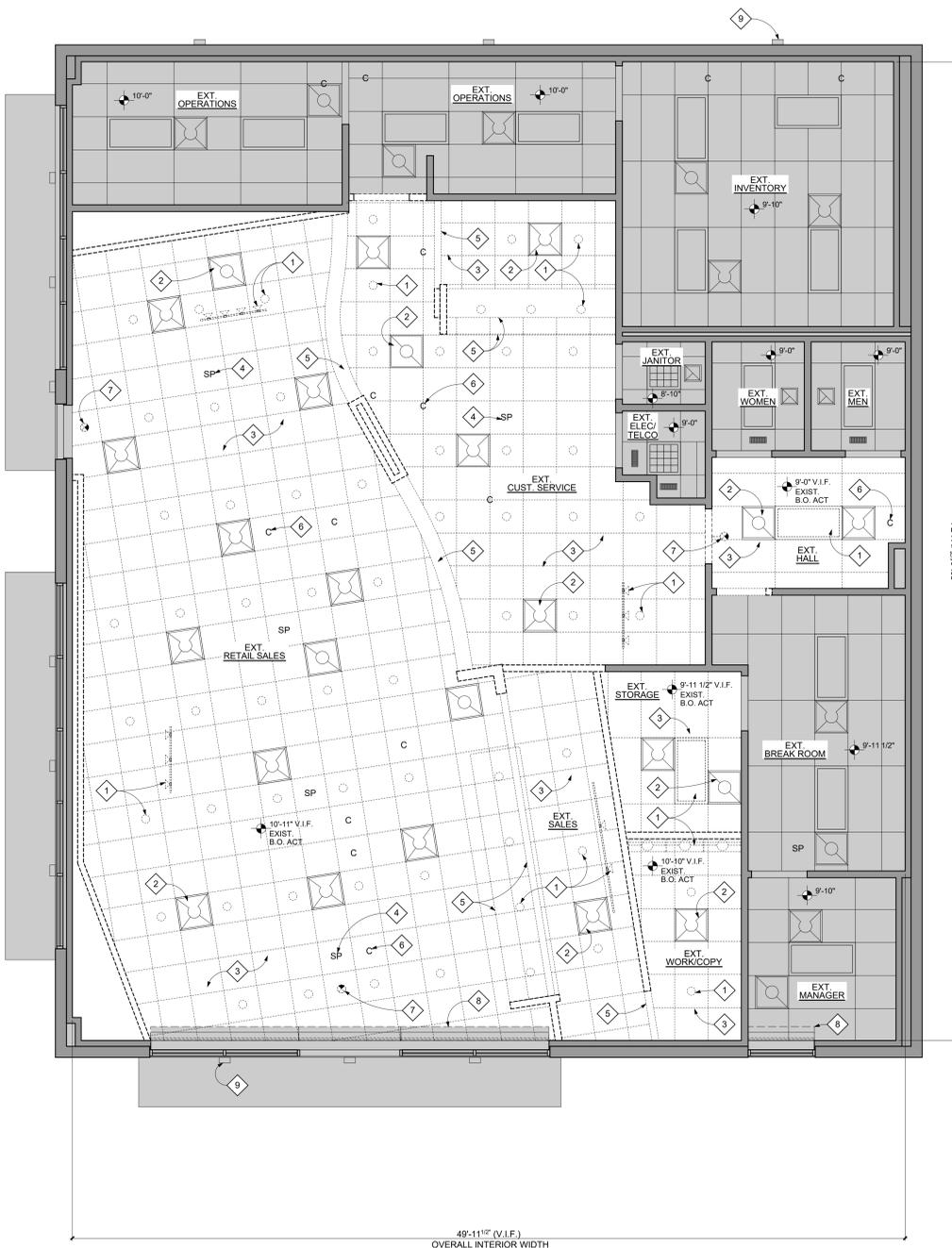
- EXISTING WALL/CEILING/HVAC/LIGHTING, ETC TO REMAIN.
- DEMOLITION ITEMS TO BE REMOVED.

GENERAL NOTES
THIS SHEET ONLY

- REMOVE ALL DEBRIS FROM ALL ROOMS (typ.)
- CONTRACTOR SHALL PROVIDE GLASS "PAINT" ON INTERIOR OF ALL STOREFRONT WINDOWS DURING DEMOLITION AND CONSTRUCTION WORK, AND REMOVE AFTER CONSTRUCTION IS COMPLETE. COLOR SHALL BE WHITE BY: GLASSMAK, INC., 10818 HAWN FREEWAY, DALLAS, TX 75217, PHONE: (403) 735-0775, FAX: (403) 735-0669, E-MAIL: GLASSM@TELUSPLANET.NET
- ALL EXISTING ITEMS NOT BEING REUSED SHOULD BE REMOVED IN ITS ENTIRETY.
- GENERAL CONTRACTOR TO REMOVE, TRANSFER AND STORE EXISTING FIXTURES IN LOCATION AS DIRECTED BY VERIZON PROJECT MANAGER.

KEYNOTES
THIS SHEET ONLY

- EXISTING LIGHT FIXTURE TO BE REMOVED IN ITS ENTIRETY (typ.) - SEE ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
- EXISTING GRILLES (SUPPLY/RETURN) ARE TO REMAIN IN EXISTING LOCATION. HVAC GRILLES SHALL MATCH CORRESPONDING CEILING COLOR AND SHALL BE REFURBISHED OR REPLACED BEFORE REINSTALLING, UNLESS OTHERWISE NOTED. COORDINATE WITH VERIZON PROJECT MANAGER (typ.).
- EXISTING CEILING TILE AND GRID TO BE REMOVED IN THEIR ENTIRETY. EXISTING BATT INSULATION ABOVE EXISTING CEILING TO BE REMOVED AND REINSTALLED ON TOP OF NEW CEILING (typ.).
- EXISTING SPEAKER TO BE REMOVED IN ITS ENTIRETY. SEE REFLECTED CEILING PLAN AND ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION. COORDINATE WITH VERIZON PROJECT MANAGER (typ.).
- EXISTING GWB BULKHEAD TO BE REMOVED IN ITS ENTIRETY.
- EXISTING SECURITY DEVICES WITHIN SALES AREA SHALL BE REMOVED IN THEIR ENTIRETY. EXISTING SECURITY DEVICES WITHIN RECONFIGURED BACK OF HOUSE AREAS SHALL BE REMOVED, RELOCATED, AND/OR REPLACED DEPENDING ON SCOPE. CONTRACTOR TO COORDINATE WITH VERIZON PROJECT MANAGER AND SECURITY VENDOR REGARDING NEW SECURITY REQUIREMENTS - SEE ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION (typ.).
- EXISTING EXIT SIGN TO BE REMOVED IN ITS ENTIRETY - SEE ELECTRICAL DRAWINGS AND REFLECTED CEILING PLAN FOR ADDITIONAL INFORMATION (typ.).
- EXISTING SECURITY GRILLES TO REMAIN (typ.).
- EXTERIOR LIGHT FIXTURE TO REMAIN. (typ.).



56'-3 1/2" (V.I.F.)
OVERALL INTERIOR DEPTH

49'-11 1/2" (V.I.F.)
OVERALL INTERIOR WIDTH

1 DEMOLITION REFLECTED CEILING PLAN
 SCALE: 1/4" = 1'-0"
 True NORTH

CLIENT/OWNER
Verizon
 James Baxter
 One Verizon Place
 2B1-FAC
 Alpharetta, Georgia 30004

PROJECT NAME
Verizon
Lake City
NextGen Refresh
 2750 W US Hwy. 90
 Lake City, FL 32055

PROJECT NUMBER	17759x157	
DRAWN BY	SKJ	
ISSUED DATE	12/20/2022	
NO.	REVISION	DATE

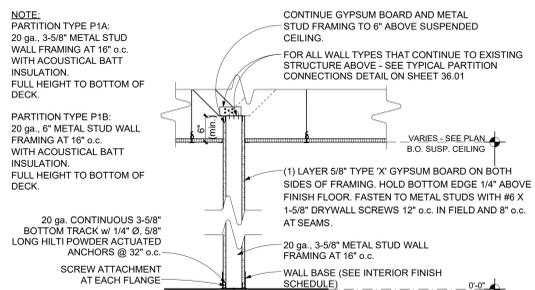
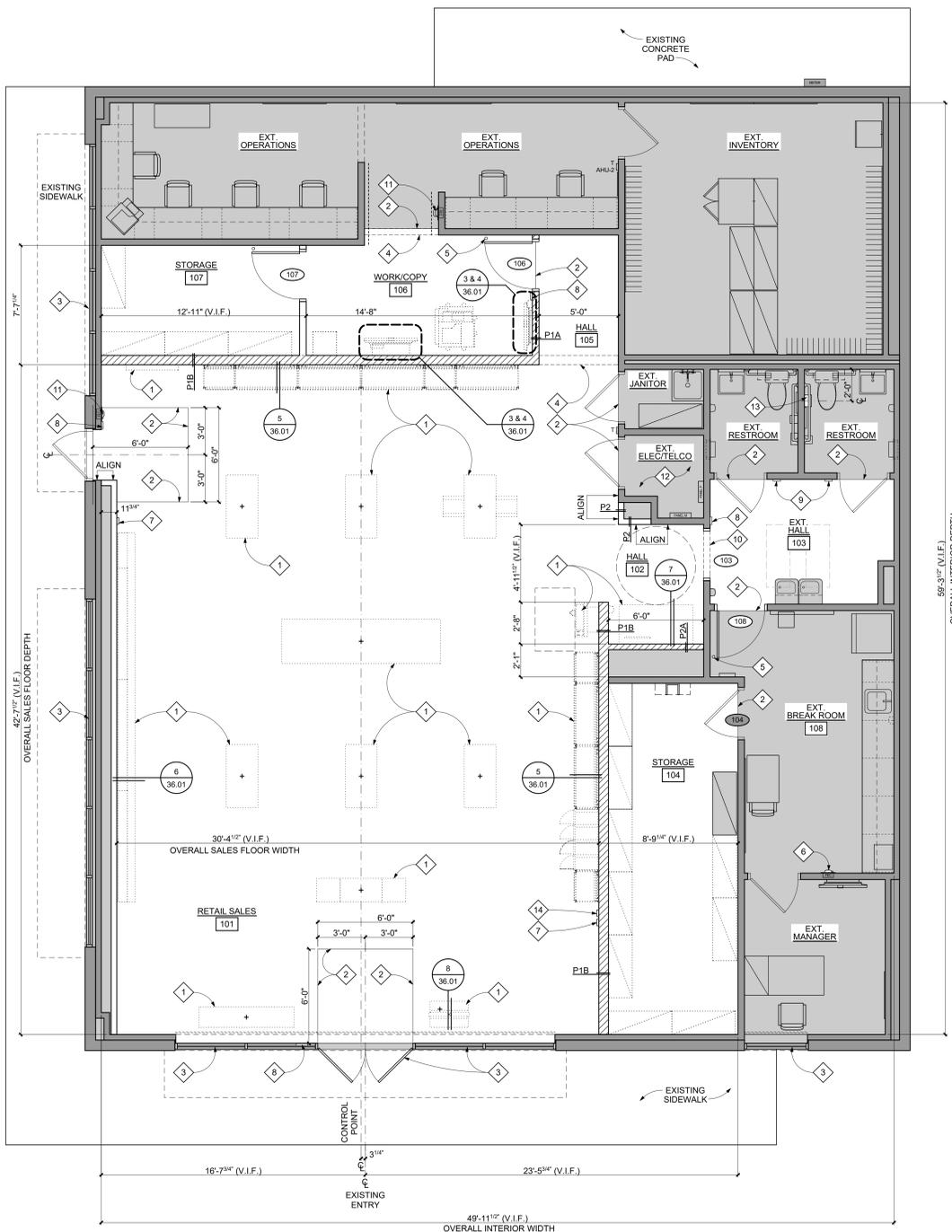
SHEET TITLE
Demolition
Reflected Ceiling
Plan

SHEET NUMBER
21.03

PHASE
Permit Documents

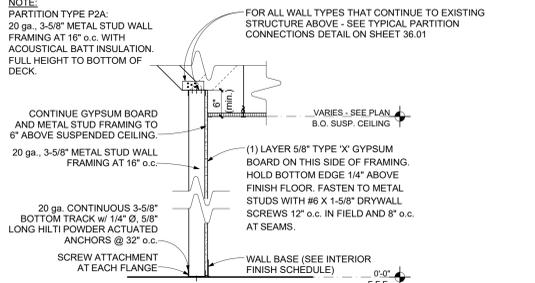
HVAC DESIGN REQUIREMENTS		
HVAC DESIGN REQUIRES	YES	NO
DUCT SMOKE DETECTOR		✓
FIRE DAMPER(S)		✓
SMOKE DAMPER(S)		✓
FIRE RATED ENCLOSURE		✓
FIRE RATED ROOF/FLOOR CEILING ASSEMBLY		✓
FIRE STOPPING		✓
SMOKE CONTROL		✓

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PARTITION TYPE P1

NOTE:
 USE HIGH IMPACT GYP. BOARD THROUGHOUT THE STORE.



PARTITION TYPE P2

NOTE:
 USE HIGH IMPACT GYP. BOARD THROUGHOUT THE STORE.

CONSTRUCTION NOTES THIS SHEET ONLY

- ALL PROJECT GENERAL NOTES APPLY.
- DISCREPANCIES: NOTIFY VERIZON PROJECT MANAGER AND CONSTRUCTION MANAGER OF ALL EXISTING CONSTRUCTION NOT SPECIFICALLY NOTED ON THE DRAWINGS; PROCEED ON THOSE ITEMS ONLY AS DIRECTED.
- SEE SHEET 31.01 FOR DOOR SCHEDULE.
- ALL DIMENSIONS ARE FINISH DIMENSIONS, UNLESS NOTED OTHERWISE.
- ALL NEW WALLS SHALL EXTEND 6" (min.) ABOVE SUSPENDED CEILING, UNLESS NOTED OTHERWISE.
- ALL INTERIOR PARTITIONS ARE P1 UNLESS NOTED OTHERWISE.
- 1-HOUR RATED WALL CONSTRUCTION (WHERE APPLICABLE) SHALL BE 20 GA. METAL STUDS AT 16" o.c. WITH (1) LAYER 5/8" TYPE 'X' GYPSUM BOARD BOTH SIDES, FULL HEIGHT TO UNDERSIDE OF STRUCTURE ABOVE AND FULL INSULATION. U.I. DESIGN NO. U419.
- ALL NEW DOORS SHALL BE 6" OFF WALL (AT HINGE SIDE), UNLESS NOTED OTHERWISE. SEE STUD WALL HEAD DETAIL INFORMATION.
- PROVIDE (2) ROWS MINIMUM 8" HIGH BLOCKING ON STUDS AT ALL WALLS WITH CABINETS IN BACK OF HOUSE. PROVIDE MINIMUM 8" HIGH, HORIZONTAL STRAPPING BEHIND WALL MOUNTED FIXTURES IN FRONT OF HOUSE. COORDINATE EXACT POSITIONING WITH MILLWORK AND FIXTURE ITEMS FOR FINAL LOCATION. SEE SHEET 36.01 FOR DETAILS.
- ANY DRYWALL FINISH WHICH IS EXISTING TO REMAIN SHALL BE PATCHED, PRIMED AND PAINTED TO "LIKE NEW" CONDITION AND TO ACCEPT NEW FINISHES. CONTRACTOR SHALL DETERMINE BEST METHODS FOR PATCHING OR IF DRYWALL WILL NEED TO BE REMOVED OR REPLACED TO ACHIEVE DESIRED FINISH. EXAMPLE: PATCH DRYWALL WHERE ITEMS ARE REMOVED SUCH AS, BUT NOT LIMITED TO, ELECTRICAL BOXES, TRIM, MIRRORS, DOOR JAMBS, WALLCOVERING, ETC.
- ALL DRYWALL SHALL BE LEVEL (5) FINISH QUALITY.
- CONTRACTOR SHALL CLEAN, PATCH AND LEVEL EXISTING CONCRETE SLAB AS REQUIRED FOR NEW FLOOR FINISHES. FLOOR SURFACES SHALL BE CLASSIFIED AS "FLAT" WITH OVERALL $F_0=35$ AND $F_1=25$ PER ASTM E1155 STANDARD TEST METHOD.
- CONTRACTOR SHALL PROVIDE OPTIONAL PRICING TO LEVEL OR SMOOTH FLOORS WITH MAPLE CONCRETE PRIMER AND SELF-LEVELING TOPPING FOR DEPRESSIONS GREATER THAN 1". CONTRACTOR SHALL PROVIDE HALEX CORP. VERSASHELD PRE-FORMED MOISTURE SUPPRESSION MEMBRANE UNDERLAYMENT OVER TOPPING AND UNDER VINYL FLOORING.
- THERMOSTATS, FIRE EXTINGUISHERS, CABINETS OR ANY OTHER WALL MOUNTED ARCHITECTURAL ACCESSORY SHALL BE INSTALLED PER PLAN.
- USE HIGH IMPACT GYPSUM BOARD THROUGHOUT THE STORE.
- INTERIOR NON-BEARING WALLS MUST RESIST A MINIMUM HORIZONTAL LOAD TO THE WALL OF 5 PSF; FBC 1607.14 AND FBC BCAP 107.3.5.1.
- INSULATION/ACOUSTICAL BATT USED IN THE WALL CAVITIES MUST HAVE A FLAME SPREAD INDEX OF NOT MORE THAN 100; FBC 603.1(2).

GENERAL SECURITY NOTES THIS SHEET ONLY

- COORDINATE WITH VERIZON PROJECT MANAGER IN ASSESSING WHAT THE EXTENT OF COMPLIANCE WITH THE LATEST SECURITY STANDARDS SHALL BE PER STORE.
- ADDITIONAL SIGNAGE MAY BE REQUIRED BY REGION. COORDINATE WITH VERIZON PROJECT MANAGER.
- TO ORDER VISUAL GRAPHIC SYSTEMS SIGNAGE CONTACT: ARLETTE DAVIS: ADAVIS@VGS-INC.COM (800)203-0301 EXT. 109
- ALL VINYL SIGNAGE APPLIED TO INSIDE FACE OF STOREFRONT u.n.o.
- REFER TO TYPICAL SIGNAGE DETAILS ON SHEET 10.02 AND LATEST VERIZON SECURITY STANDARDS FOR ADDITIONAL INFORMATION.

LEGEND THIS SHEET ONLY

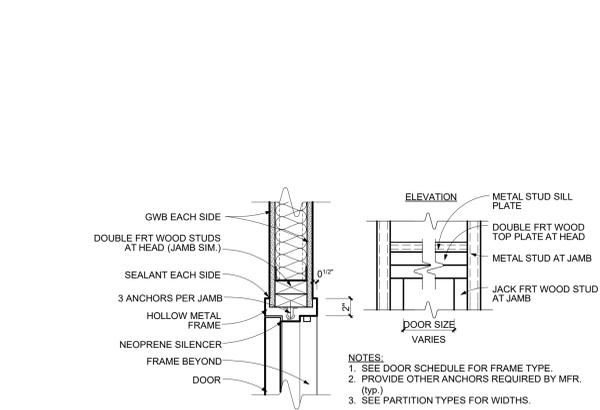
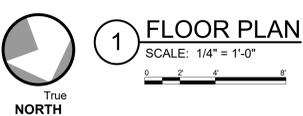
- EXISTING WALL/ DOOR/ CASEWORK, ETC. TO REMAIN
- LOCATION OF NEW WALL TO BE CONSTRUCTED
- WALL SYSTEM TO BOTTOM OF DECK
- DENOTES EX FRP-1 TO 52" A.F.F.

GENERAL NOTES THIS SHEET ONLY

- CONTRACTOR SHALL PROVIDE BLOCKING AT THE FOLLOWING LOCATIONS: TELCO RACK, INVENTORY ROOM WALLS, GRAB BARS, HANDRAILS, WALL HUNG FURNITURE, WALL HUNG CABINETS AND SHELVES, HANGING GLASS WINDOW DISPLAYS AT STOREFRONT AND ALL OTHER LOCATIONS WHERE HANGING POSTERS/EQUIPMENT IS BEING WALL OR CEILING/SCOFFIT HUNG - SEE DETAIL 236.01 FOR ADDITIONAL INFORMATION.
- PROVIDE CONTINUOUS 3/4" x 20" FIRE RATED PLYWOOD BLOCKING WITH BOTTOM AT 70" A.F.F. BEHIND SHELF AND MONITOR MOUNTED TO WALL - SEE TYPICAL WALL BLOCKING DETAILS ON SHEET 36.01 FOR ADDITIONAL INFORMATION.
- CONTINUE GYPSUM BOARD, BATT INSULATION AND METAL STUD FRAMING TO BOTTOM OF DECK IN OPEN CEILING AREAS.
- FOR ALL WALL TYPES THAT CONTINUE TO EXISTING STRUCTURE ABOVE - SEE TYPICAL PARTITION CONNECTIONS ON SHEET 36.01.
- ALL ANGLED INTERIOR WALLS POSITIONED AT 45° ANGLE FROM ORTHOGONAL, UNLESS NOTED OTHERWISE.

KEYNOTES THIS SHEET ONLY

- RETAIL FIXTURES AND RELATED COMPONENTS - SEE FURNITURE, FIXTURES AND EQUIPMENT PLAN FOR ALL FIXTURE RELATED ITEMS.
- FLOOR FINISH LINE - SEE FINISH PLAN FOR ADDITIONAL INFORMATION.
- EXISTING ALUMINUM AND GLASS STOREFRONT SYSTEM TO REMAIN.
- LINE OF BULKHEAD ABOVE - SEE REFLECTED CEILING PLAN FOR ADDITIONAL INFORMATION.
- DOMED DOOR STOP (typ.).
- RELOCATED FIRE EXTINGUISHER CABINET WITH FIRE EXTINGUISHER. COORDINATE FINAL LOCATION WITH LOCAL FIRE MARSHAL. SEE SHEET 10.02 FOR ADDITIONAL INFORMATION.
- RELOCATED THERMOSTAT WITH ALL ASSOCIATED ACCESSORIES AND CONTROLS WIRING.
- FAC (FLORIDA ACCESSIBILITY CODE) COMPLIANT EXIT SIGN - SEE SHEET 10.02 FOR ADDITIONAL INFORMATION.
- FAC (FLORIDA ACCESSIBILITY CODE) COMPLIANT RESTROOM SIGNAGE. SEE SHEET 10.02 FOR ADDITIONAL INFORMATION (typ.).
- HOLLOW METAL CASED OPENING - SEE DOOR SCHEDULE FOR ADDITIONAL INFORMATION.
- FIRE EXTINGUISHER TO REMAIN. COORDINATE FINAL LOCATION WITH LOCAL FIRE MARSHAL - SEE SHEET 10.02 FOR ADDITIONAL INFORMATION.
- EXISTING ELECTRICAL EQUIPMENT TO REMAIN - SEE ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
- FAC (FLORIDA ACCESSIBILITY CODE) COMPLIANT SANITARY NAPKIN DISPOSAL (EQ833). TOP OF FIXTURE @ 30" A.F.F. (typ.).
- RELOCATED CO2 SENSOR WITH ALL ASSOCIATED ACCESSORIES AND CONTROLS WIRING.



DOOR NO.	ROOM NUMBER & NAME	SIZE	DOOR		FRAME		HEAD & JAMB DETAIL		HARDWARE							COMMENTS		
			STYLE	MATERIAL	FINISH	MATERIAL	FINISH	RATING	LOCKSET	FLOOR STOP	CLOSER	KICK-PLATE	ELECTRIC STRIKE	DOOR CONTROL	CARD READER			
103	EXT. HALL	3'-0" x 7'-0"	CC	CASED OPENING	-	H.M.	PAINT	2/31.01 sim.	NONE	-	-	-	-	-	-	-	-	FRAMED OPENING WITH NO STOP
104	EXT. STORAGE	EXISTING	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	B. DOOR SHALL BE UNDERCUT BY 1" TO ALLOW FOR AIR TRANSFER.
106	WORK/COPY	3'-0" x 7'-0" x 1 3/4"	BB	WOOD SOLID CORE & GLASS	PAINT	H.M.	PAINT	2/31.01	NONE	ENTRY-2	YES	YES	YES	YES	YES	YES	YES	A. C. D. WITH 9" x 35" VERTICAL LIGHT KIT WITH TWO-WAY MIRROR GLASS VISION PANEL. ENTRY-2 LOCKSET SHALL BE USED AND CARD ACCESS SHALL BE INSTALLED. CONTRACTOR SHALL INSTALL A PROXIMITY READER. CARD READER INSTALLED ON SALES SIDE. REQUEST TO EXIT (REX) MOTION DETECTOR. BOSCH DS160 TO BE INSTALLED ON BOTH SIDES. DOOR SHALL BE UNDERCUT BY 1" TO ALLOW FOR AIR TRANSFER.
107	STORAGE	3'-0" x 7'-0" x 1 3/4"	AA	WOOD SOLID CORE	PAINT	H.M.	PAINT	2/31.01	NONE	ENTRY-1	YES	YES	YES	NO	NO	NO	NO	A. C. D. DOOR SHALL BE UNDERCUT BY 1" TO ALLOW FOR AIR TRANSFER.
108	EXT. BREAK ROOM	3'-0" x 7'-0" x 1 3/4"	BB	WOOD SOLID CORE & GLASS	PAINT	H.M.	PAINT	2/31.01	NONE	ENTRY-2	YES	YES	YES	YES	YES	YES	YES	A. C. D. WITH 9" x 35" VERTICAL LIGHT KIT WITH TWO-WAY MIRROR GLASS VISION PANEL. ENTRY-2 LOCKSET SHALL BE USED AND CARD ACCESS SHALL BE INSTALLED. CONTRACTOR SHALL INSTALL A PROXIMITY READER. CARD READER INSTALLED ON SALES SIDE. REQUEST TO EXIT (REX) MOTION DETECTOR. BOSCH DS160 TO BE INSTALLED ON BOTH SIDES. DOOR SHALL BE UNDERCUT BY 1" TO ALLOW FOR AIR TRANSFER.

COMMENT KEY

A. LOCKSET SHALL BE OPERATED FROM THE INTERIOR SIDE WITHOUT ANY SPECIAL KNOWLEDGE, EFFORT OR KEY.

B. EXISTING DOOR

C. HARDWARE SHALL BE STANDARD CYLINDRICAL LATCH TYPE WITH LEVER HANDLES

D. ALL FRAMES SHALL BE SHOP PRIMED AND FIELD FINISHED WITH SEMI-GLOSS ENAMEL WEATHER-STRIPPED

E. WEATHER-STRIPPED

NOTE: CONTRACTOR TO COORDINATE INVENTORY DOOR SECURITY LOCKING WITH VERIZON PROJECT MANAGER AND SECURITY VENDOR.

DOOR STYLE KEY

AA FLUSH DOOR

BB FLUSH DOOR WITH 5" x 35" TWO-WAY MIRROR GLASS VISION PANEL

CONTRACTOR TO VERIFY ALL DOOR HARDWARE WITH VERIZON PROJECT MANAGER PRIOR TO BID SUBMISSION

DOOR SCHEDULE GENERAL NOTES:

- REFER TO SECURITY DRAWINGS (SC.1.0, SC.2.0, AND SC.3.0) FOR ADDITIONAL INFORMATION.
- ALL CORES SHALL BE "MESCRO XT"
- KEY ALL EXTERIOR DOORS ALIKE WITH ONE MASTER KEY.
- KEY ALL INTERIOR DOORS SEPARATELY WITH ONE MASTER KEY.
- LOCKSETS SHALL BE SCHLAGE D SERIES RHODES (LEVER HANDLE). FINISH SHALL BE R09 "SATIN CHROME PLATED", UNLESS OTHERWISE NOTED.
- DOOR HANDLES & LOCKSETS TO BE PROVIDED BY SECURITY VENDOR. ALL OTHER DOOR HARDWARE TO BE PROVIDED BY CG.
- DOOR FRAMES SHALL HAVE RUBBER SILENCERS, WHICH ARE TO BE INSTALLED AFTER FINAL PAINTING. SILENCERS SHALL BE R010, GRAY, BY HAGER COMPANIES (800) 325-9995.
- ALL DOOR HARDWARE FINISH SHALL BE US260 UNLESS NOTED OTHERWISE.
- ALL INTERIOR TRIM HANDLES SHALL BE SCHLAGE RHO STYLE.
- ALL EXTERIOR TRIM HANDLES SHALL BE VON DUPRIN 06 STYLE.
- ALL STOREFRONT (CUSTOMER ENTRY) EXIT DEVICES SHALL USE HEX KEY DOGGING, STANDARD.
- SUPRA 6 STOR-A-KEY REQUIRED IN TELCO ROOM WITH CONTROL KEY AND STORE MASTER.
- SURFACE ROBS TO BE USED ON RETROFIT APPLICATIONS WITH PERMETER GLASS DOORS.
- CONCRETE ROBS TO BE USED ON NEW PERMETER GLASS DOORS.
- DOORS AND THEIR FRAMES SHALL BE PAINTED ON BOTH SIDES, UNLESS OTHERWISE NOTED.
- HANDLES, PULLS, LATCHES, LOCKS, AND OTHER OPERABLE PARTS OF ACCESSIBLE DOORS SHALL HAVE A SHAPE THAT IS EASY TO GRASP WITH ONE HAND AND DOES NOT REQUIRE TIGHT GRASPING, HANDLING, OR TWISTING OF THE WRIST TO OPERATE. OPERABLE PARTS OF SUCH HARDWARE SHALL BE 34 INCHES MINIMUM AND 48 INCHES MAXIMUM ABOVE THE FLOOR. SEE DOOR SCHEDULE AND APPLICABLE ACCESSIBILITY CODE FOR ADDITIONAL INFORMATION.
- ELECTRIFIED REFERS TO CARD ACCESS LOCATIONS ONLY FOR ELECTRIFIED HARDWARE OR TRIM.
- ACTIVE REFERS TO THE MAIN DOOR IN A DOUBLE DOOR PORTAL.
- PASSIVE REFERS TO THE SECONDARY DOOR IN A DOUBLE DOOR PORTAL - EXIT ONLY.

OTHER HARDWARE (SEE LOCKSET KEY FOR ADDITIONAL HARDWARE SPECIFIC TO CERTAIN LOCKSET TYPES)

FLOOR STOPS:

- #243F DOME STOP, US260 BY HAGER COMPANIES (800) 325-9995.

CLOSERS:

INTERIOR DOOR CLOSERS SHALL BE NORTON SERIES 1600 REGULAR ARM BY NORTON DOOR CONTROLS (800) 438-1962, OR APPROVED EQUAL MOUNTED TO THE PRIVATE SIDE OF THE DOOR.

EXTERIOR DOOR CLOSERS SHALL BE NORTON SERIES 1600 CLOSURE PLUS PARALLEL SPRING ARM BY NORTON DOOR CONTROLS, OR APPROVED EQUAL, MOUNTED TO THE PRIVATE SIDE OF THE DOOR.

ALL FINISHES TO BE IN ALUMINUM. NORTON FINISH SYMBOL: "AL". CONTRACTOR SHALL COORDINATE THE FABRICATION AND INSTALLATION OF ALL DOORS AND METAL FRAMES TO ACCOMMODATE STANDARD DOOR CLOSERS.

KICK-PLATES:

- #1905, 12" HIGH x 2'-10" WIDE (VERIFY WITH DOOR SIZE) ALUMINUM BY HAGER COMPANIES (800) 325-9995, OR APPROVED EQUAL.

ELECTRIC STRIKES:

- PROVIDED AND INSTALLED BY SECURITY VENDOR; VON DUPRIN 5100.

DOOR POSITION CONTACT:

- PROVIDED AND INSTALLED BY SECURITY VENDOR.

CARD READER:

- PROVIDED AND INSTALLED BY SECURITY VENDOR.

LOCKSET KEY (SEE DOOR SCHEDULE FOR ADDITIONAL HARDWARE SPECIFIC TO EACH DOOR)

ENTRY-1

LOCKED, KEVED WITH THUMBTURN ON INTERIOR SIDE. SCHLAGE MODEL NUMBER ND580, WITH SMALL FORMAT INTERCHANGEABLE CORE.

ENTRY-2

FIXED, ENTRY BY KEY ONLY-NO THUMBTURN ON INTERIOR SIDE. SCHLAGE MODEL NUMBER ND800, WITH SMALL FORMAT INTERCHANGEABLE CORE.

PRIVACY

LOCKED; NO KEY. SCHLAGE MODEL NUMBER ND40S.

PASSAGE-1

NON-LOCKING; SCHLAGE MODEL NUMBER ND10S, WITH SMALL FORMAT INTERCHANGEABLE CORE.

CLIENT/OWNER
 Verizon
 James Baxter
 One Verizon Place
 Alpharetta, Georgia 30004

PROJECT NAME

Verizon
 Lake City
 NextGen Refresh
 2750 W US Hwy. 90
 Lake City, FL 32055

PROJECT NUMBER 17759x157

DRAWN BY SKJ

ISSUED DATE 12/20/2022

NO.	REVISION	DATE

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SHEET TITLE

Floor Plan, Details & Door Schedule

SHEET NUMBER

31.01

PHASE

Permit Documents

CONSTRUCTION NOTES
 THIS SHEET ONLY

- ALL DIMENSIONS ARE FINISH DIMENSIONS, UNLESS OTHERWISE NOTED.
- ALL NEW SUSPENDED CEILING SHALL BE AT HEIGHTS AND LOCATIONS INDICATED ON PLANS.
- DIFFUSERS AND GRILLES SHALL MATCH CORRESPONDING CEILING COLOR, UNLESS OTHERWISE NOTED.
- ALL CEILING GRIDS SHALL BE CENTERED IN ROOMS, WITHIN SPACE. CONTRACTOR TO VERIFY IN FIELD.
- CEILING HEIGHT TO BE BASED UPON HIGHEST POINT IN SLAB UNLESS NOTED OTHERWISE.
- CEILING GRID SYSTEMS SHALL BE INSTALLED WITHOUT VISIBLE FASTENERS FROM BELOW (typ.).
- FOR LIGHTING SPECIFICATIONS - SEE ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
- SEE SHEET 31.03 FOR FINISH SCHEDULE.
- LIGHTS TO BE CENTERED IN ACOUSTICAL CEILING TILE, UNLESS NOTED OTHERWISE.
- SUSPEND ALL STRUCTURAL ITEMS, WALLS AND WALL FURREDOWNS FROM THE TOP CHORD OR EXISTING ROOF BAR JOIST OR OVER PANEL POINTS AT BOTTOM CHORDS. DO NOT SUSPEND ANY ITEMS FROM CEILING GRID OR METAL ROOF DECK.
- THE TENANT RENOVATION OF THIS SPACE DOES NOT REQUIRE ANY MODIFICATION TO THE HVAC SYSTEM(S) OR AIR DISTRIBUTION TRUCK DUCTWORK, EXCEPT SLIGHT MODIFICATIONS TO AIR DEVICE LOCATIONS DUE TO INSTALLATION OF THE NEW CEILING GRID TO BE INSTALLED AT THE EXISTING CEILING HEIGHT. NO HVAC DRAWINGS WILL BE ISSUED.**
- CONTRACTOR SHALL PROVIDE AN AIR TRANSFER ASSEMBLY TO EXISTING SPACES BEING SEPERATED BY NEW PARTITIONS (typ.). ASSEMBLY SHALL CONSIST OF A 20" x 6" SOUND LINED TRANSFER CHANNEL CONNECTED TO 24" x 24" TITUS/PARI AIR DEVICES WITH 18"x18" NECK. FINISH SHALL BE BAKED ENAMEL TO MATCH CEILING. COORDINATE FINAL LOCATION WITH VERIZON PROJECT MANAGER.**

LEGEND
 THIS SHEET ONLY

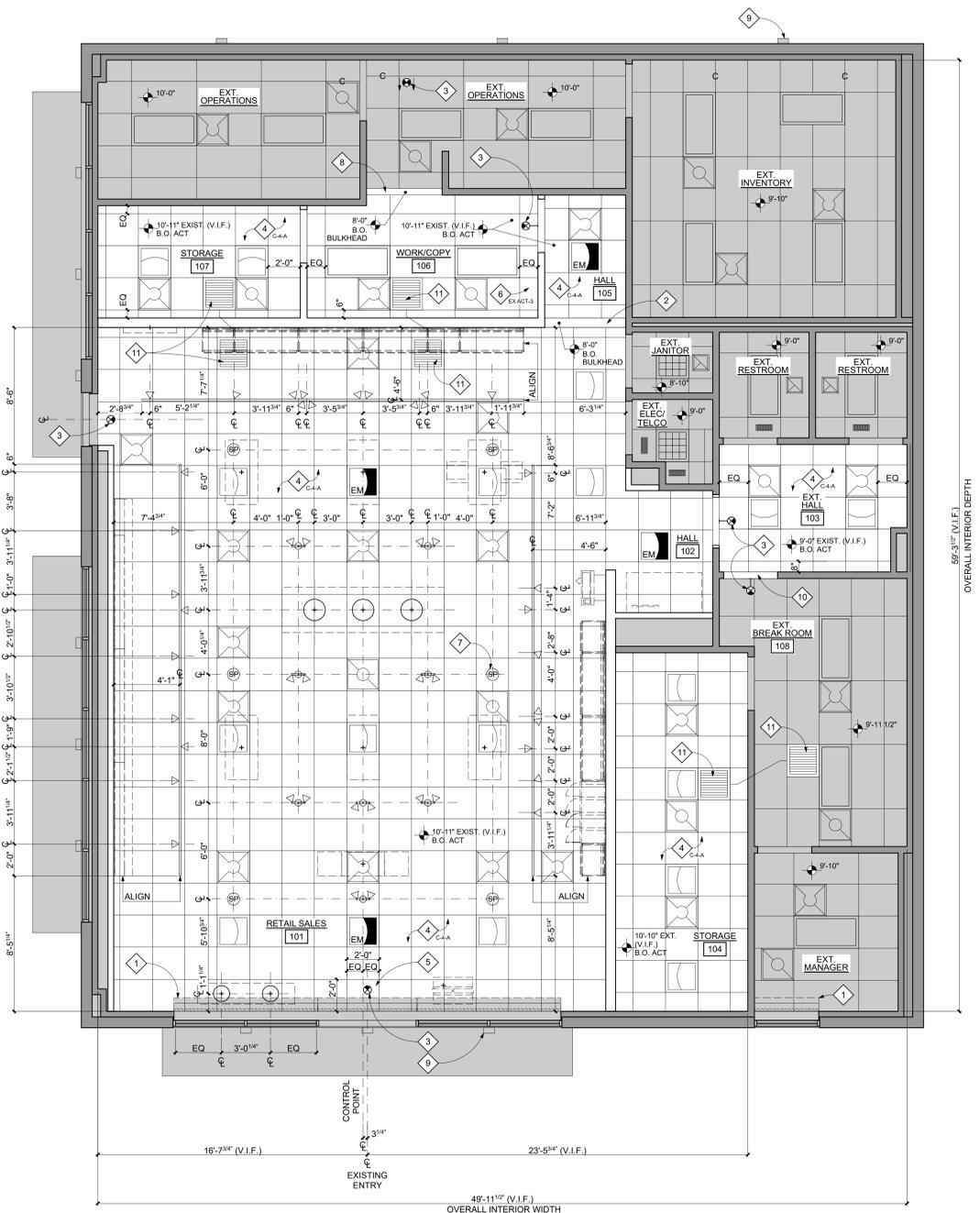
- EXISTING WALL/CEILING/HVAC/LIGHTING, ETC TO REMAIN
- LOCATION OF NEW WALL TO BE CONSTRUCTED

KEYNOTES
 THIS SHEET ONLY

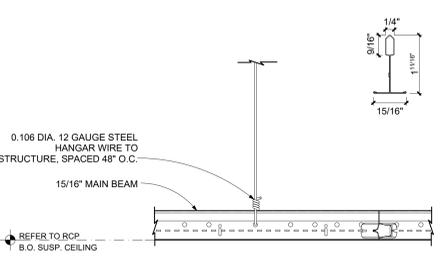
- EXISTING SECURITY GATE TO REMAIN. SHOWN FOR REFERENCE ONLY (typ.).
- GYPSUM BOARD BULKHEAD.
- EXIT LIGHT/SIGN - SEE ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
- SUSPENDED 24" x 24" ACOUSTIC TILE CEILING. REFER TO PLAN FOR CEILING HEIGHTS - SEE ACT DETAIL ON SHEET 31.02 FOR ADDITIONAL INFORMATION. CONTRACTOR TO REVIEW EXISTING CONDITIONS AND VERIFY THAT PROPOSED CEILING CAN BE INSTALLED AT CEILING HEIGHTS INDICATED ON PLAN. IF CONFLICT FOUND, CONTACT VERIZON PROJECT MANAGER FOR DIRECTION.
- LAYOUT CEILING TILE PATTERN BY CENTERING (1) ONE FULL CEILING TILE ON CONTROL POINT CENTERLINE.
- SUSPENDED 24" x 48" ACOUSTIC TILE CEILING TO MATCH EXISTING BACK OF HOUSE CEILING TILE (V.I.F.). REFER TO PLAN FOR CEILING HEIGHTS - SEE ACT DETAIL ON SHEET 31.02 FOR ADDITIONAL INFORMATION. CONTRACTOR TO REVIEW EXISTING CONDITIONS AND VERIFY THAT PROPOSED CEILING CAN BE INSTALLED AT CEILING HEIGHTS INDICATED ON PLAN. IF CONFLICT FOUND, CONTACT VERIZON PROJECT MANAGER FOR DIRECTION.
- SPEAKERS IN RETAIL/SALES AREA ARE TO BE PROVIDED BY VERIZON AND INSTALLED BY THE GENERAL CONTRACTOR. SPEAKERS SHALL BE WIRED TO PLAY IN-STORE MUSIC. TYPICAL OF 6 - SEE ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
- INFILL EXISTING BULKHEAD TO 8'-0" A.F.F. MATCH ADJACENT EXISTING CONSTRUCTION.
- EXISTING EXTERIOR LIGHT FIXTURE TO REMAIN (typ.).
- INFILL EXISTING BULKHEAD TO 7'-0" A.F.F. TO ACCOMMODATE NEW DOOR. MATCH ADJACENT EXISTING CONSTRUCTION.
- CONTRACTOR SHALL PROVIDE AN AIR TRANSFER ASSEMBLY TO EXISTING SPACES BEING SEPERATED BY NEW PARTITIONS (typ.). ASSEMBLY SHALL CONSIST OF A 20" x 6" SOUND LINED TRANSFER CHANNEL, CONNECTED TO 24" x 24" TITUS/PARI AIR DEVICES WITH 18"x18" NECK. FINISH SHALL BE BAKED ENAMEL TO MATCH CEILING. COORDINATE FINAL LOCATION WITH VERIZON PROJECT MANAGER.

LIGHT LEGEND

- CUSTOM 16" GOODYEAR PENDANT BARN LIGHT. B.O. LIGHT FIXTURE IS AT 65" A.F.F. - SEE ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
- CUSTOM 12" GOODYEAR PENDANT BARN LIGHT. B.O. LIGHT FIXTURE IS AT 65" A.F.F. - SEE ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
- EXIT LIGHT FIXTURE - CEILING, WALL, WITH LIGHTS - SEE ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
- LED TRACK LIGHT FIXTURE MOUNTED TO CEILING - SEE ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
- TWO-LIGHT ADJUSTABLE LED ACCENT LIGHT FIXTURE. MOUNTED TO CEILING - SEE ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
- 2 x 2 RECESSED LED FIXTURE - SEE ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
- 2 x 4 RECESSED LED FIXTURE - SEE ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
- LAY-IN SUPPLY/RETURN GRILLE
- EMERGENCY LIGHT



1 REFLECTED CEILING PLAN
 SCALE: 1/4" = 1'-0"
 True NORTH



2 ACOUSTICAL CEILING DETAIL
 SCALE: 3" = 1'-0"

STAMP

CLIENT/OWNER
Verizon
 James Baxter
 One Verizon Place
 2B1-FAC
 Alpharetta, Georgia 30004

PROJECT NAME

Verizon
Lake City
NextGen Refresh
 2750 W US Hwy. 90
 Lake City, FL 32055

PROJECT NUMBER	17759x157
DRAWN BY	SKJ
ISSUED DATE	12/20/2022

NO.	REVISION	DATE

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SHEET TITLE
Reflected Ceiling Plan & Detail

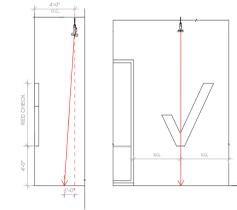
SHEET NUMBER

31.02

PHASE
Permit Documents

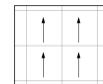
Lighting | Interior Red Check

Illuminate Red Check with track ceiling light fixture. Center the track head with the Red Check as much as possible and aim it at the floor as shown in the diagram. Avoid aiming the track head directly at the Red Check to prevent a hot spot and sharp shadows.

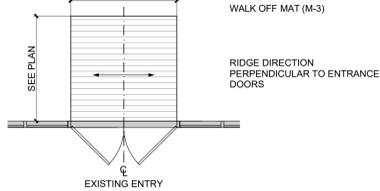


FLOOR FINISH PATTERNS

CARPET TILES (CPT-1) (INSTALLED IN MONOLITHIC PATTERN)



WALK OFF MAT (M-3)



NOTE:
 FLOOR SURFACE SHALL BE CLASSIFIED AS "FLAT" WITH SPECIAL OVERALL F_r = 35 AND F_l = 25 PER ASTM E1155 STANDARD TEST METHOD.

ESTIMATED FLOOR FINISH SQUARE FOOTAGES

*CONTRACTOR SHALL FIELD VERIFY ACTUAL QUANTITIES

CARPET TILES (CPT-1)	1,443 SF
WALK-OFF MAT (M-3)	69 SF
CARPET TILES (EX C-2)	380 SF

INTERIOR WALL AND CEILING FINISH MATERIALS INDEX

- CLASS A: FLAME SPREAD INDEX 0-25
 SMOKE DEVELOPED INDEX 0-450
- CLASS B: FLAME SPREAD INDEX 26-75
 SMOKE DEVELOPED INDEX 0-450
- CLASS C: FLAME SPREAD INDEX 76-200
 SMOKE DEVELOPED INDEX 0-450
- *SEE FINISH SCHEDULE 31.03 FOR ADDITIONAL INFORMATION

ROOM FINISH SCHEDULE

ROOM #	ROOM NAME	FLOOR	BASE	WALL	CEILING	CABINETRY	COUNTERTOP	COMMENTS
101	RETAIL SALES	CPT-1	WB-1	P-1, P-2	C-4A	-	-	
102	HALL	CPT-1	WB-1	P-1	C-4A	-	-	
103	EXT. HALL	CPT-1	WB-1	P-1	C-4A	-	-	
104	STORAGE	EX C-2	EX VB-2	EX P-3	C-4A	-	-	
105	HALL	CPT-1	WB-1	P-1, P-2	C-4A	-	-	
106	WORK/COPY	EX C-2	EX VB-2	EX P-3	EX ACT-3	-	-	
107	STORAGE	EX C-2	EX VB-2	EX P-3	C-4A	-	-	

CONSTRUCTION NOTES

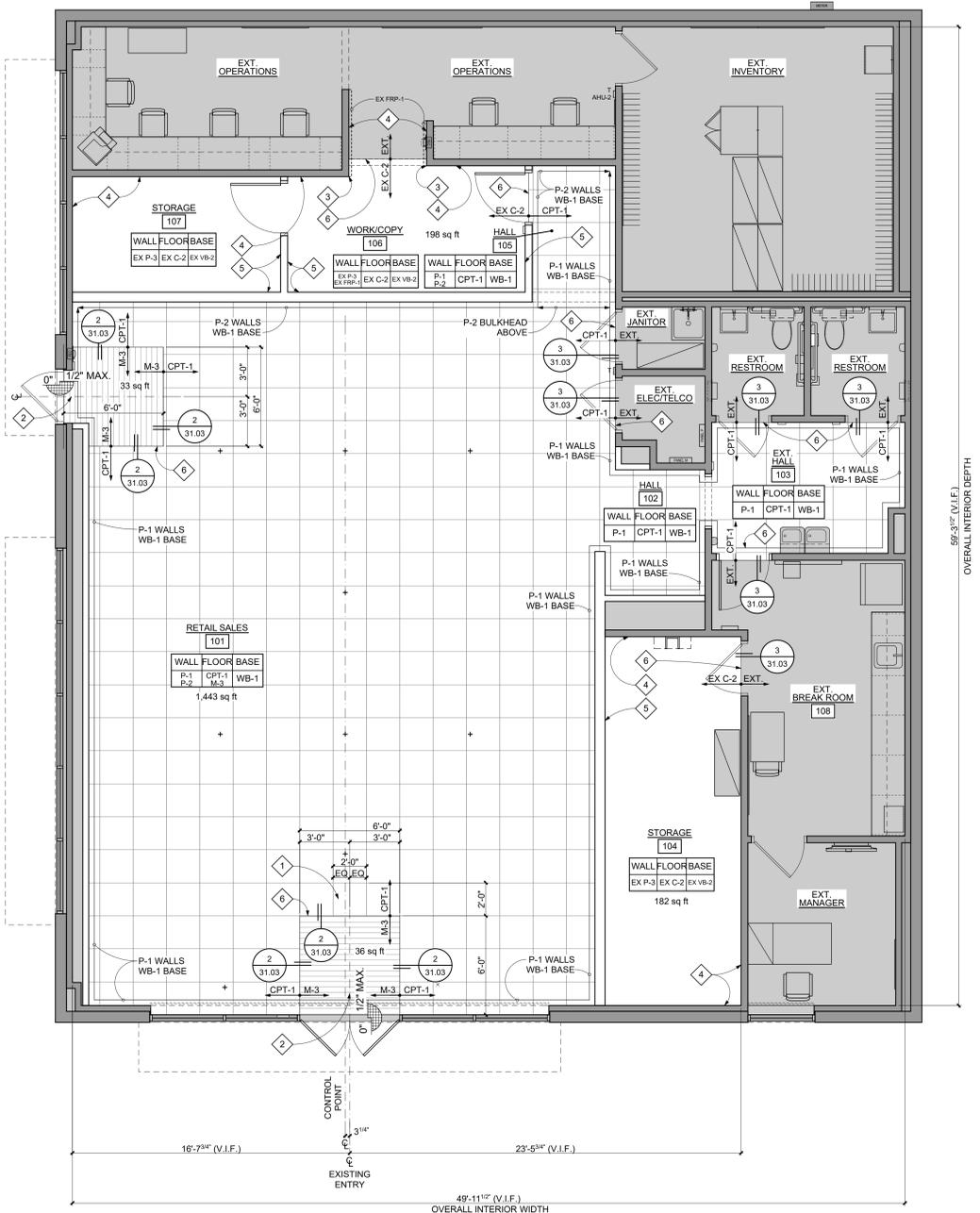
- THIS SHEET ONLY
- CONTRACTOR SHALL CLEAN, PATCH, AND LEVEL EXISTING CONCRETE SLAB AS REQUIRED FOR NEW FLOOR FINISHES. FLOOR SURFACES SHALL BE CLASSIFIED AS "FLAT" WITH OVERALL F_r = 35 AND F_l = 25 PER ASTM E1155 STANDARD TEST METHOD.
 - CONTRACTOR SHALL PROVIDE OPTIONAL PRICING TO LEVEL OR SMOOTH FLOORS WITH MAPEI CONCRETE PRIMER & SELF-LEVELING TOPPING FOR DEPRESSIONS GREATER THAN 1". CONTRACTOR SHALL PROVIDE HALEX CORP. VERSASHIELD PRE-FORMED MOISTURE SUPPRESSION MEMBRANE UNDERLAYER OVER TOPPING AND UNDER VINYL FLOORING.
 - VERIFY ALL FLOOR TRANSITIONS IN FIELD PRIOR TO INSTALLATION. CHANGES IN LEVEL BETWEEN 1/4" MIN TO 1/2" MAX SHALL BE BEVELED WITH A SLOPE NOT STEEPER THAN 1:2. CHANGES IN LEVEL GREATER THAN 1/2" HIGH SHALL BE RAMPED AT MAX SLOPE = 1:20. IN ACCORDANCE WITH FFPC 101: 7.2.1.3.
 - WITHIN INVENTORY AND STORAGE ROOMS, PROVIDE RED FIRE LINE STRIP, 2" WIDE, RED EX-CEL EXPANDED PVC, CONTINUOUS STRIP WITH 1/8" COUNTERSUNK HOLES @ 18" O.C. ON ALL WALLS. MOUNT TO WALL AT 18" BELOW FINISHED CEILING. QSI TO INSTALL INITIALLY. VERIFY WITH VERIZON CPM.
 - BASE IN RETAIL SALES AREA TO BE INSTALLED AFTER PERIMETER FIXTURES HAVE BEEN INSTALLED.
 - ALL DIMENSIONS ARE FINISH DIMENSIONS u.n.d.
 - CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND BOH EXISTING FINISHES PRIOR TO ORDERING MATERIALS.
 - PAINT DOORS & FRAMES IN SALES AREA TO MATCH ADJACENT WALL FINISH, HEAVY DUTY WASHABLE SEMI-GLOSS.
 - PAINT DOORS AND FRAMES IN NON-SALES AREA P-3, HEAVY DUTY WASHABLE SEMI-GLOSS.
 - ALL DRYWALL SHALL BE LEVEL (5) FINISH QUALITY.
 - WALL MOUNTED DISPLAY FIXTURES INCLUDE VENDOR INSTALLED WALL BASE.

FINISH KEY

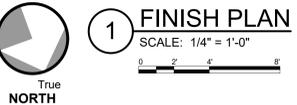
- X-X, X-X— FLOOR FINISH TRANSITION
 DENOTES FRP-1 TO 52" A.F.F.

KEYNOTES

- THIS SHEET ONLY
- LAYOUT PATTERN BY CENTERING (1) ONE FULL CARPET TILE ON CENTERLINE OF ENTRANCE DOOR(S).
 - LAYOUT BY CENTERING OVERALL WALK-OFF MAT WIDTH ON CENTERLINE OF DOOR(S).
 - CORNER GUARDS TO MATCH ADJACENT PAINT FINISH - SEE FINISH SCHEDULE FOR ADDITIONAL INFORMATION.
 - EXISTING PARTITION TO BE PAINTED FULL HEIGHT FROM CORNER TO CORNER AND MATCH EXISTING BOH CONSTRUCTION (V.I.F.).
 - PAINT TO MATCH EXISTING ADJACENT CONSTRUCTION (V.I.F.).
 - FLOOR FINISH TRANSITION LINE.

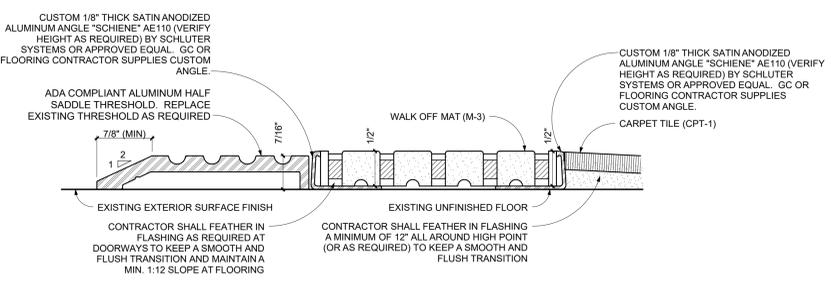


56'-3 1/2" (V.I.F.)
 OVERALL INTERIOR DEPTH



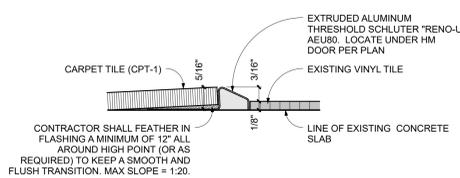
1 FINISH PLAN

SCALE: 1/4" = 1'-0"



2 ADA THRESHOLD TO WALK OFF MAT TO CARPET TILE

SCALE: 3" = 1'-0"



3 CARPET TILE TO EXISTING VINYL TILE

SCALE: 3" = 1'-0"

NEXTGEN INTERIOR FINISHES

NOTE: SEE FINISH PLAN SHEET

SYMBOL	ITEM	MANUFACTURER	SPECIFICATION AND COLOR	NOTES
CPT-1	CARPET TILE FLOORING	PATCRAFT CONTACT: TOM CONWAY TOM.CONWAY@PATCRAFT.COM D: (800) 241-4614 C: (503) 307-4592	STYLE: #42JPC COLOR: 522 SIZE: 24" x 24" INSTALLATION: MONOLITHIC PATTERN CONTINUOUS STRIP WITH 1/8" COUNTERSUNK HOLES @ 18" O.C. INTERIOR FLOOR FINISH RADIANT FLUX - CLASS I	CARPET IS PROVIDED BY VERIZON AND INSTALLED BY THE GC
EX C-2	CARPET TILE FLOORING	PATCRAFT CONTACT: TOM CONWAY TOM.CONWAY@PATCRAFT.COM D: (800) 241-4614 C: (503) 307-4592	MATCH EXISTING BACK OF HOUSE (V.I.F.) BASIS OF DESIGN: CARPET TILE NUMBER: R241X SIZE: 24" x 24" INSTALLATION: MATCH EXISTING (V.I.F.) BAKER EQUICON INTERIOR FLOOR FINISH RADIANT FLUX - CLASS I	CARPET IS PROVIDED BY VERIZON AND INSTALLED BY THE GC
M-3	ENTRANCE MAT	PORTICO SYSTEMS ORDERS SENT TO: verizonorders@porticosystems.com COPY MAKE BEFORE OR ORDERS: mbeorder@porticosystems.com 102 TRACE STREET GREER, SC 29651 CELL: (612) 209-4574 OFFICE: (652) 470-4576 FAX: (652) 470-4302 WWW.PORTICOSYSTEMS.COM	FRONTRUNNER PLUS LP (1/2") WALK OFF GRID COLOR: GREY 807 CARPET STRIPS MAT SIZE: 6' x 8' (STANDARD) AND 6' x 10' (LARGE) OVERALL THICKNESS: 1/2" (2MM) TRANSITION BORDER: CUSTOM 1/8" THICK SATIN ANODIZED ALUMINUM ANGLE FIRE RESISTANCE (ASTM E648) CLASS 1	IF STORE HAS A SECURITY GRILLE, THE WIDTH OF THE MAT MAY BE REDUCED TO ALIGN WITH DOUBLE DOORS TO AVOID CONFLICT WITH POSTS OR FULL WIDTH OF FLOOR TILES. ENTRY MAT AT BACK DOOR: FULL WIDTH OF CORRIDOR. VERIFY DEPTH WITH FINAL APPROVED FLOOR PLAN. TILE TO BE PROVIDED AND INSTALLED BY GC OR FLOORING CONTRACTOR SUPPLIES CUSTOM 1/8" THICK SATIN ANODIZED ALUMINUM ANGLE.
M-3	ENTRANCE MAT AT SIDE DOOR	PORTICO SYSTEMS ORDERS SENT TO: verizonorders@porticosystems.com COPY MAKE BEFORE OR ORDERS: mbeorder@porticosystems.com 102 TRACE STREET GREER, SC 29651 CELL: (612) 209-4574 OFFICE: (652) 470-4576 FAX: (652) 470-4302 WWW.PORTICOSYSTEMS.COM	FRONTRUNNER PLUS LP (1/2") WALK OFF GRID COLOR: GREY 807 CARPET STRIPS MAT SIZE: 6' DEEP, WIDTH (SEE FINISH PLAN) TO BE 6' x 8' IF POSSIBLE) OVERALL THICKNESS: 1/2" (2MM) TRANSITION BORDER: CUSTOM 1/8" THICK SATIN ANODIZED ALUMINUM ANGLE FIRE RESISTANCE (ASTM E648) CLASS 1	ENTRY MAT AT BACK DOOR. VERIFY WIDTH AND DEPTH WITH FINAL APPROVED FLOOR PLAN. TILE TO BE PROVIDED AND INSTALLED BY GC OR FLOORING CONTRACTOR SUPPLIES CUSTOM 1/8" THICK SATIN ANODIZED ALUMINUM ANGLE.
WB-1	RESILIENT WALL BASE	TARKETT CONTINGENCY CONTACT: KEVIN TIERNES VP STRATEGIC ACCOUNTS T: (440) 803-4340 C: (713) 204-7664	JOHNSONITE MASQUERADE VIEWPOINT WALL BASE SIZE: 4" HIGH x 3/8" THICK COLOR: JOHN MW-69-V STERLING SILVERADO FIRE RESISTANCE: ASTM E84/NFPA 225 FLAME/SMOKE - CLASS 1 ALLES THIN 450 NOTE: USE NATIONAL PROGRAM #10538 WHEN ORDERING	MITER CUT THE ENDS AT INSIDE AND OUTSIDE CORNERS. BASE TO BE PROVIDED AND INSTALLED BY GC.
EX VB-2	EXISTING RESILIENT WALL BASE	JOHNSONITE CONTACT: THERESA THOMAS (440) 705-9318 THERESA.THOMAS@TARKETT.COM	MATCH EXISTING BACK OF HOUSE (V.I.F.) BASIS OF DESIGN: JOHNSONITE VINYL COVE BASE SIZE: 4" HIGH ROLL STOCK COLOR: 40 "BLACK" FIRE RESISTANCE: ASTM E 84 NFPA 255 (FLAME/SMOKE) - CLASS B, #450; ASTM E848/NFPA 253: CRITICAL RADIANT FLUX - CLASS I	MITER CUT THE ENDS AT INSIDE AND OUTSIDE CORNERS.
C-4A	ACOUSTICAL CEILING TILE	ARMSTRONG CONTACT: MAUREEN CONE PH: (703) 433-6700 MMCON@ARMSTRONG.COM	ARMSTRONG NAME/PATTERN: "ULTIMA" 1910 COLOR: WHITE SURFACE FINISH: FIRE RATING CLASS A SIZE: 24" x 24" x 5/8" GRID: PRELUDE XL 1510" EXPOSED TEE IN WHITE EDGE PROFILE: 1510" SQUARE LAYIN	
EX ACT-3	ACOUSTICAL CEILING TILE	ARMSTRONG CONTACT: MAUREEN CONE PH: (703) 433-6700 MMCON@ARMSTRONG.COM	MATCH EXISTING BACK OF HOUSE (V.I.F.) BASIS OF DESIGN: ARMSTRONG "FINE FISURED" 1729 COLOR: WHITE SURFACE FINISH: FIRE RATING CLASS A SIZE: 24" x 48" x 5/8" GRID: PRELUDE XL 1510" EXPOSED TEE IN WHITE EDGE PROFILE: 1510" SQUARE LAYIN	
EX FRP-1	ACROVYN	CONSTRUCTION SPECIALTIES PRICING REQUESTS, PURCHASE ORDERS, ORDER FORMS, ORDER STATUS QUESTIONS CONTACT: nationalaccounts@cs-group.com	MATCH EXISTING BACK OF HOUSE (V.I.F.) BASIS OF DESIGN: ACROVYN BY GRAND ENTRANCE COLOR: "OYSTER GRAY" TEXTURE: BUESE THICKNESS: .040 THICKNESS SHEET SIZE: 4'-0" x 8'-0"	TOP OF ACROVYN TO BE INSTALLED @ 52" A.F.F. BOTTOM OF ACROVYN TO BE INSTALLED AT TOP OF WALL BASE. INSTALLED ON WET WALLS ONLY (BEHIND PLUMBING FIXTURES, ON HAND DRYER WALL AND UNDER BREAK AREA COUNTER).
EX CG	CORNER GUARD	CONSTRUCTION SPECIALTIES PRICING REQUESTS, PURCHASE ORDERS, ORDER FORMS, ORDER STATUS QUESTIONS CONTACT: nationalaccounts@cs-group.com	MATCH EXISTING BACK OF HOUSE (V.I.F.) BASIS OF DESIGN: ACROVYN BY GRAND ENTRANCE COLOR: "OYSTER GRAY" PRODUCT: WA-04 SERIES 10'-0" FULL HEIGHT FIRE RATINGS: CLASS A	CORNER GUARDS PROVIDED AND INSTALLED BY GC

PAINT COLORS - BENJAMIN MOORE

P-1	MANUFACTURER: BENJAMIN MOORE PRODUCT LINE: ULTRA SPEC. SCFJ-X COLOR: OC-149 "DECORATOR'S WHITE" FINISH: SEE PAINT NOTES BELOW LOCATION: FRONT OF HOUSE WALLS
P-2	MANUFACTURER: BENJAMIN MOORE PRODUCT LINE: REGAL SELECT COLOR: 1616 "STORMY GRAY" FINISH: SEE PAINT NOTES BELOW LOCATION: FRONT OF HOUSE ACCENT WALL (COOL GRAY 10)
EX P-3	MATCH EXISTING BACK OF HOUSE (V.I.F.) BASIS OF DESIGN: MANUFACTURER: SHERWIN WILLIAMS PRODUCT LINE: DURATION COLOR: SW-7030 "ANEW GRAY" FINISH: SEE PAINT NOTES BELOW LOCATION: BACK OF HOUSE WALLS, DOORS AND FRAMES

PAINT NOTES

TYPICAL APPLICATION AND INSTALLATION
 WALLS: EGGSHELL ON WALLS AND SOFFITS
 DOORS & FRAMES: SEMI GLOSS ALKYD
 CEILING: MATTE LATEX

NOTE: ADD BONDING PRIMER FOR METAL

SALES FLOOR ACCENT WALL:
 LEVEL 5: SEAMLESS FINISH

GYPSON BOARD:
 PAINTED (P-1)
 GYPSON BOARD RECEIVING LATEX PAINT SHALL BE PRIMED WITH ONE (1) COAT OF VINYL PLASTIC SEALER PRIOR TO RECEIVING TWO (2) COATS OF FINISH PAINT.

WOOD TRIM:
 WOOD TRIM RECEIVING ALKYD OR ENAMEL PAINT SHALL BE PRIMED WITH ONE (1) COAT OF ENAMEL UNDERCOATER PRIOR TO RECEIVING TWO (2) COATS OF PAINT.

BENJAMIN MOORE CONTACT:
 MICHAEL ECKE
 T: (201) 949-6130
 MICHAEL.ECKE@BENJAMINMOORE.COM

STAMP

CLIENT/OWNER
Verizon
 James Baxter
 One Verizon Place
 2B1-FAC
 Alpharetta, Georgia 30004

PROJECT NAME
Verizon
Lake City
NextGen Refresh
 2750 W US Hwy. 90
 Lake City, FL 32055

PROJECT NUMBER	17759x157	
DRAWN BY	SKJ	
ISSUED DATE	12/20/2022	
NO.	REVISION	DATE

SHEET TITLE
Finish Plan,
Transition Details &
Schedules

SHEET NUMBER
31.03

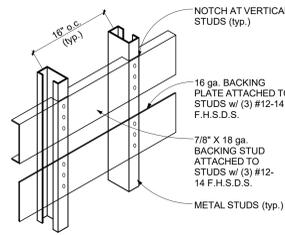
PHASE
Permit Documents

GENERAL NOTES
 THIS SHEET ONLY

- SEE SHEET 31.03 FOR FINISHES.
- PROVIDE IN WALL BLOCKING FOR CABINETS. SEE SHEET 36.01 FOR TYPICAL BLOCKING.
- COORDINATE STRAPPING/BLOCKING INSTALL WITH DEMOLITION AND OTHER TRADES PRIOR TO CONSTRUCTION.
- FOR ALL WALL TYPES THAT CONTINUE TO EXISTING STRUCTURE ABOVE - SEE TYPICAL PARTITION CONNECTIONS ON SHEET 36.01.

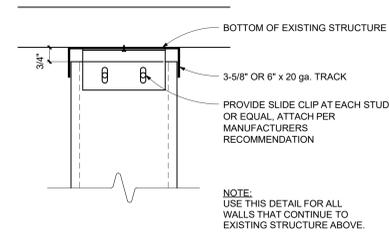
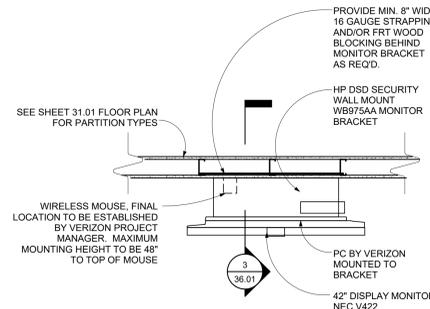
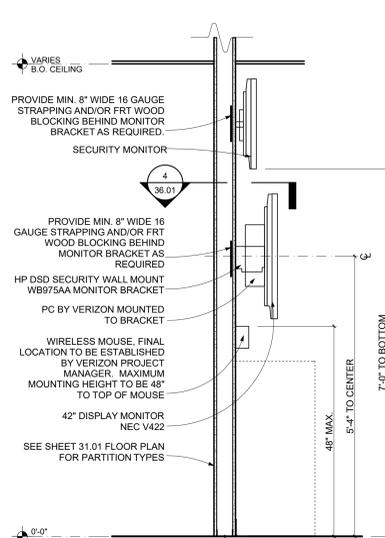
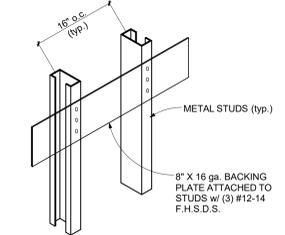
NOTES:

- BLOCKING FOR UPPER WALL HUNG CABINETS (UP TO 2 SHELVES) BASE CABINETS, FULL HEIGHT CABINETS, HANDRAILS, GUARDRAILS, GRAB BARS, WALL HUNG EQUIPMENT, ETC. (max.) WEIGHT 250 LBS./FT.
- SEE TYPICAL WALL FRAMING FOR GAUGE OF STUDS. VERIFY LENGTH, HEIGHT, LOCATION OF BLOCKING PLATE AND NUMBER.
- USE #12 SELF TAPPING SHEET METAL SCREWS WHEN ATTACHING ITEMS TO BLOCKING PLATE.
- WALL STUD FLANGES ARE CONTINUOUS AT BACKING STUD OR PLATE.



NOTES:

- BLOCKING FOR MISC. ITEMS, IE. SURFACE MTD. MIRRORS, WASTE RECEPTACLES, TOWEL DISPENSERS, ETC. (max.) WEIGHT 60 LBS.
- SEE TYPICAL WALL FRAMING FOR GAUGE OF STUDS. VERIFY LENGTH, HEIGHT, LOCATION OF BLOCKING PLATE AND NUMBER.
- USE #12 SELF TAPPING SHEET METAL SCREWS WHEN ATTACHING ITEMS TO BLOCKING PLATE.
- WALL STUD FLANGES ARE CONTINUOUS AT BACKING STUD OR PLATE.

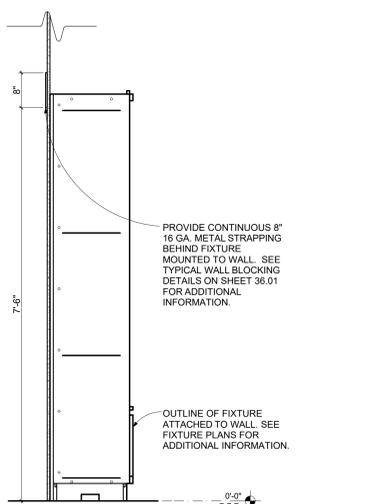


1 SLIDE CLIP DETAIL
 SCALE: 3/4" = 1'-0"

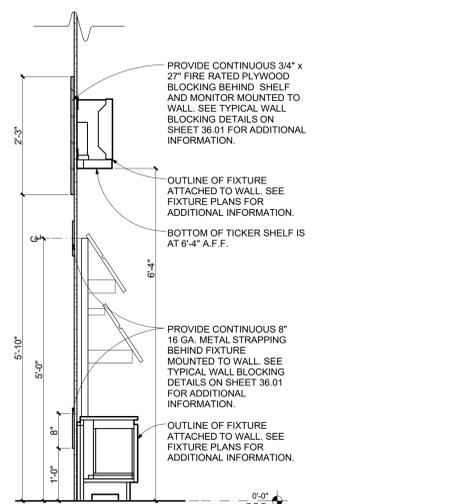
2 TYPICAL WALL BLOCKING DETAILS
 SCALE: 3/4" = 1'-0"

3 SMART BOARD (RIC)/SECURITY MONITOR DISPLAY SECTION
 SCALE: 3/4" = 1'-0"

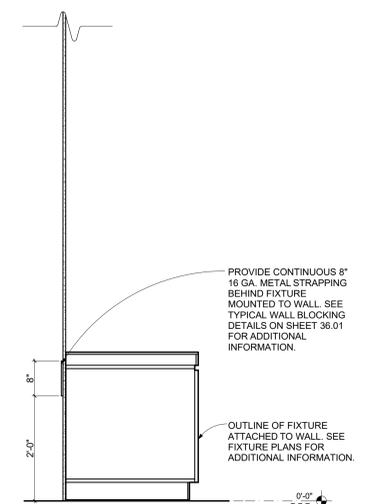
4 SMART BOARD (RIC) DISPLAY PLAN (SECURITY MONITOR SIM.)
 SCALE: 3/4" = 1'-0"



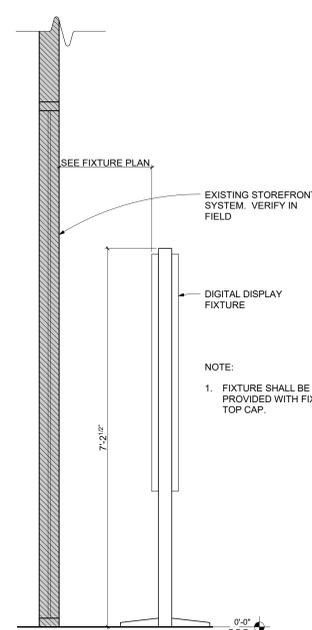
5 WALL CASE DISPLAY SECTION
 SCALE: 3/4" = 1'-0"



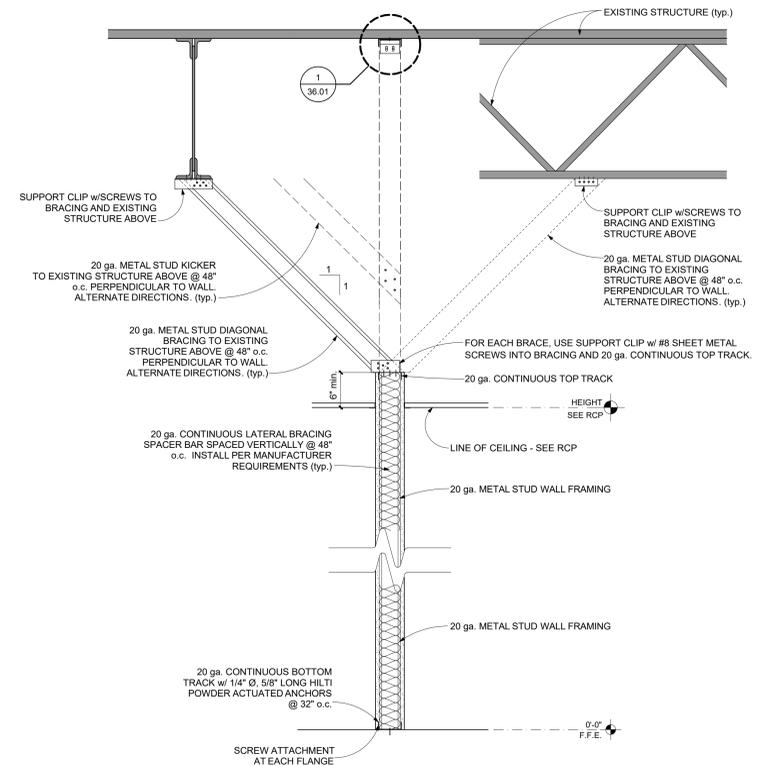
6 DEVICE RICK FIXTURE w/SHELF AND MONITOR DISPLAY SECTION
 SCALE: 3/4" = 1'-0"



7 WORKSTATION POS SECTION
 SCALE: 3/4" = 1'-0"



8 DIGITAL DISPLAY SECTION
 SCALE: 3/4" = 1'-0"



9 TYPICAL PARTITION CONNECTIONS
 SCALE: 1" = 1'-0"

STAMP

CLIENT/OWNER
Verizon
 James Baxter
 One Verizon Place
 2B1-FAC
 Alpharetta, Georgia 30004

PROJECT NAME
Verizon
Lake City
NextGen Refresh
 2750 W US Hwy. 90
 Lake City, FL 32055

PROJECT NUMBER	17759x157	
DRAWN BY	SKJ	
ISSUED DATE	12/20/2022	
NO.	REVISION	DATE

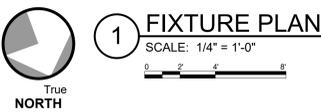
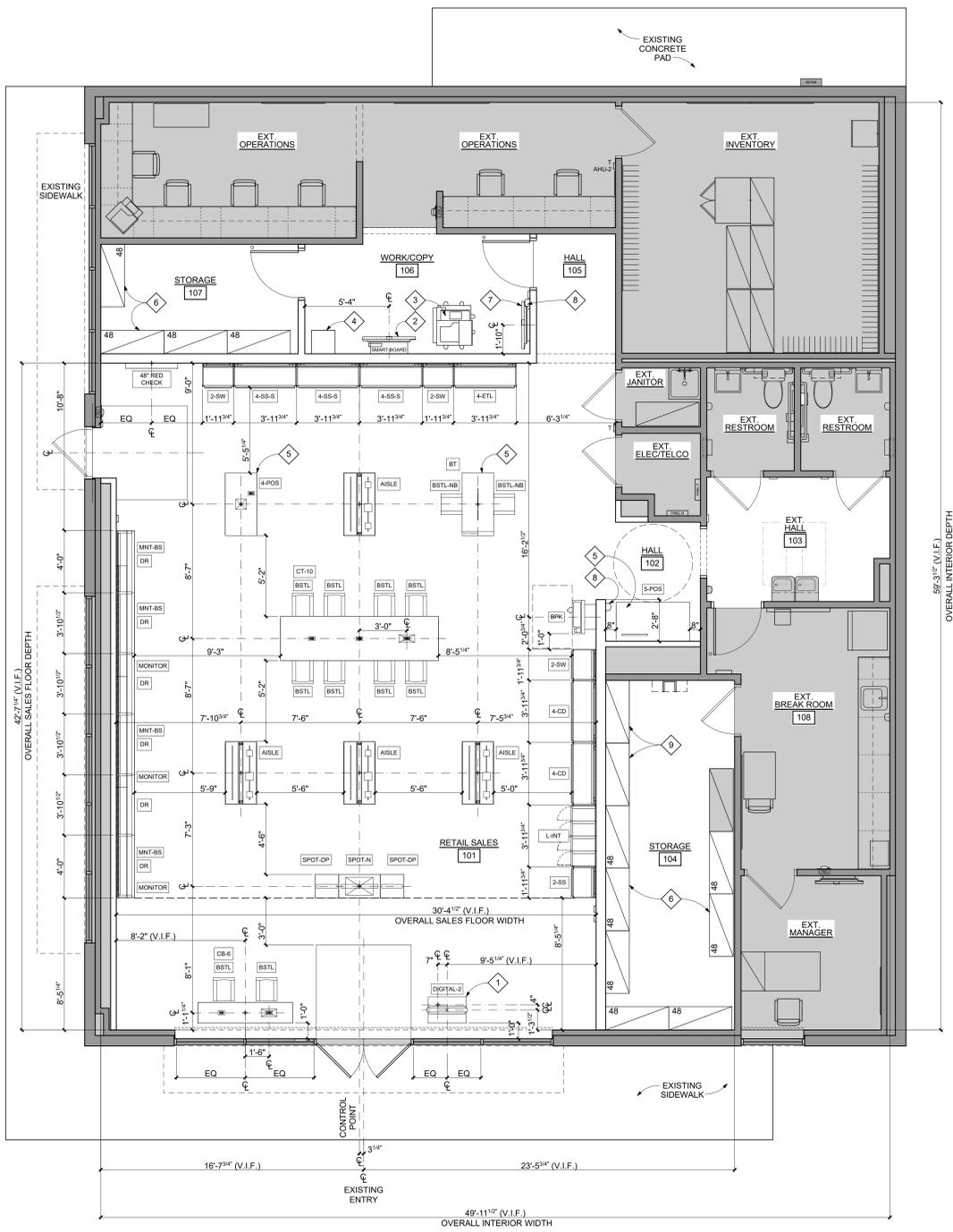
SHEET TITLE

Fixture Sections, Casework & Details

SHEET NUMBER

36.01

PHASE
Permit Documents



VERIZON STANDARD FURNITURE AND EQUIPMENT SCHEDULE

ITEM	QTY	DESCRIPTION	UNIT	MANUFACTURER	MODEL	FINISH	INSTALLATION	REMARKS
48\"/>								

GENERAL NOTES
THIS SHEET ONLY

- VERIZON MUST COMPLY WITH ALL FEDERAL, STATE AND LOCAL ACCESSIBILITY REQUIREMENTS FOR ALL EMPLOYEES AND THE PUBLIC WITH RESPECT TO ALL FURNITURE, FIXTURES, DISPLAYS AND SIGNAGE WHICH THEY PROVIDE.
- ALL ANGLED FIXTURES POSITIONED AT 45° ANGLE FROM ORTHOGONAL UNLESS NOTED OTHERWISE.
- ALL DIMENSIONS ARE FINISH DIMENSIONS UNLESS NOTED OTHERWISE.
- PROVIDE CONTINUOUS 3/4\"/>

KEYNOTES
THIS SHEET ONLY

- RELOCATED DIGITAL DISPLAY - 12\"/>

FIXTURE SCHEDULE

DESIGNATION	DESCRIPTION	SIZE (L x W x H)	QUANTITY
BPK	BILL PAY KIOSK		1 - RELO
MNT	MONITOR		3
MNT-BS	MONITOR BLADE SHELF	TOTAL WIDTH OF DEVICE RACKS	4
DR	DEVICE RACK	46.5\"/>	

VERIZON STANDARD RESPONSIBILITY MATRIX

NAME	Drawings	PHOTO	QTY	SOURCE	INSTALL	PROVIDE	INSTALL	INSTALL	INSTALL
PANIC HARDWARE AT ENTRANCE, EXIT DOORS									
DOOR HINGES, LOCKSETS AND SECURITY HARDWARE									
DOORS AND DOOR HARDWARE NOT LISTED BY SECURITY VENDOR									
CONDUIT FOR SECURITY, DATA, PHONE, ETC.									

1. STORE MATRIX IS PROVIDED FOR GENERAL INFORMATION ONLY. THIS CHART DOES NOT RELIEVE THE CONTRACTOR'S RESPONSIBILITIES LISTED IN THE FINAL TENANT/OWNER WORK LETTER.
2. GENERAL CONTRACTOR IS RESPONSIBLE TO COORDINATE WITH VERIZON VENDORS FOR SECURITY SYSTEM, SECURITY DRILLER, SIGNAL, MILLWORK AND MERCHANDISING.

STAMP

CLIENT/OWNER
Verizon
James Baxter
One Verizon Place
2B1-FAC
Alpharetta, Georgia 30004

PROJECT NAME

Verizon
Lake City
NextGen Refresh
2750 W US Hwy. 90
Lake City, FL 32055

PROJECT NUMBER

17759x157

DRAWN BY

SKJ

ISSUED DATE

12/20/2022

NO.	REVISION	DATE

SHEET TITLE

Furniture, Fixture & Schedules

SHEET NUMBER

38.01

PHASE

Permit Documents

ELECTRICAL SPECIFICATIONS:

BASIC ELECTRICAL REQUIREMENTS

GENERAL REQUIREMENTS:

1. THE WORK OF EACH OF THE ELECTRICAL SECTIONS INCLUDES FURNISHING AND INSTALLING THE MATERIAL, EQUIPMENT, AND SYSTEMS COMPLETE AS SPECIFIED AND/OR INDICATED ON THE DRAWINGS. THE ELECTRICAL INSTALLATIONS, WHEN FINISHED, SHALL BE COMPLETE AND COORDINATED, READY FOR SATISFACTORY SERVICE.

2. THE WORK UNDER THIS CONTRACT SHALL BE DONE IN STRICT ACCORDANCE WITH ALL APPLICABLE MUNICIPAL, STATE, AND OTHER LOCAL CODES, THE CURRENT EDITION OF NATIONAL ELECTRIC CODE AND AMERICANS WITH DISABILITIES ACT (ADA).

3. THE CONTRACTOR SHALL MAKE APPLICATION AND PAY FOR ALL PERMITS, LICENSES AND INSPECTIONS AS REQUIRED UNDER THE ABOVE CODES.

4. THE GENERAL ARRANGEMENT OF CONDUIT, WIRING AND EQUIPMENT SHALL BE AS IDENTIFIED ON THE CONTRACT DRAWINGS. THE CONTRACTOR SHALL CAREFULLY INVESTIGATE THE SITE, STRUCTURAL, AND FINISHED CONDITIONS AFFECTING HIS WORK AND SHALL ARRANGE SUCH WORK ACCORDINGLY, PROVIDING SUCH FITTINGS AND ACCESSORIES AS MAY BE REQUIRED TO MEET SUCH CONDITIONS.

5. THE CONTRACTOR SHALL PROVIDE ALL NECESSARY TEMPORARY WIRING, LIGHTING AND CONSTRUCTION POWER FOR ALL TRADES AS REQUIRED TO COMPLETE THE PROJECT.

MATERIAL AND WORKMANSHIP:

1. PROVIDE ALL MATERIAL AND EQUIPMENT NEW AND IN FIRST CLASS CONDITION. PROVIDE MARKINGS OR A NAMEPLATE FOR ALL MATERIAL AND EQUIPMENT IDENTIFYING THE MANUFACTURER AND PROVIDING SUFFICIENT REFERENCE TO ESTABLISH QUALITY, SIZE AND CAPACITY. ALL WORKMANSHIP SHALL BE OF THE FINEST POSSIBLE BY EXPERIENCED MECHANICS OF THE PROPER TRADE. IN GENERAL, PROVIDE THE FOLLOWING QUALITY GRADE(S) FOR ALL MATERIALS AND EQUIPMENT:

a) COMMERCIAL SPECIFICATION GRADE

2. PROVIDE ALL HOISTS, SCAFFOLDS, STAGING, RUNWAYS, TOOLS, MACHINERY AND EQUIPMENT REQUIRED FOR THE PERFORMANCE OF THE ELECTRICAL WORK. STORE AND MAINTAIN MATERIAL AND EQUIPMENT IN CLEAN CONDITION, AND PROTECTED FROM WEATHER, MOISTURE, AND PHYSICAL DAMAGE.

3. FURNISH ONLY MATERIAL AND EQUIPMENT THAT ARE LISTED, LABELED, CERTIFIED, OR ALL THREE, BY A NATIONALLY RECOGNIZED TESTING LABORATORY (NRTL), WHENEVER ANY LISTING OR LABELING EXISTS FOR THE TYPES OF MATERIAL AND EQUIPMENT SPECIFIED.

4. AT A MINIMUM GENERAL WORK PRACTICES FOR ELECTRICAL CONSTRUCTION SHALL BE IN ACCORDANCE WITH NEC 1 (LATEST EDITION), STANDARD PRACTICES FOR GOOD WORKMANSHIP IN ELECTRICAL CONSTRUCTION.

COORDINATION:

1. COORDINATE ALL WORK WITH OTHER DIVISIONS AND TRADES SO THAT THE VARIOUS COMPONENTS OF THE ELECTRICAL SYSTEMS ARE INSTALLED AT THE PROPER TIME, FIT THE AVAILABLE SPACE, AND ALLOW PROPER ACCESS TO ALL EQUIPMENT. REFER TO ALL DRAWINGS, INCLUDING, BUT NOT LIMITED TO, ARCHITECTURAL, STRUCTURAL, MECHANICAL, AND PLUMBING, AND TO RELEVANT EQUIPMENT SUBMITTALS AND SHOP DRAWINGS TO DETERMINE THE EXTENT OF CLEAR SPACES. MAKE ALL OFFSETS REQUIRED TO CLEAR EQUIPMENT BEAMS AND OTHER STRUCTURAL MEMBERS, AND TO FACILITATE CONCEALING RACEWAYS IN THE MANNER ANTICIPATED IN THE DESIGN. PROVIDE MATERIALS WITH TRIM THAT WILL FIT PROPERLY THE TYPES OF CEILING, WALL, OR FLOOR FINISHES ACTUALLY INSTALLED.

EQUIPMENT IDENTIFICATION:

- PROVIDE EQUIPMENT IDENTIFICATION NAMEPLATES:
 - ON ALL PANELBOARDS, SWITCHES, STARTERS, DIMMERS, SWITCHES IN DISTRIBUTION PANELBOARDS, AND SWITCHBOARDS.
 - WHERE INDICATED ON DRAWINGS
- NAMEPLATES:
 - ENGRAVE THE CONTRASTING COLOR, THREE-LAYER LAMINATED PLASTIC INDICATING THE NAME OF THE EQUIPMENT, LOAD, OR CIRCUIT AS DESIGNATED ON THE DRAWINGS, AND IN THE SPECIFICATIONS.
 - SELF-ADHERING WITH A PERMANENT, WEATHERPROOF ADHESIVE.
 - ATTACHMENT METHOD SHALL BE ACCEPTABLE TO THE MANUFACTURERS OF THE EQUIPMENT TO WHICH THE NAMEPLATES ARE BEING APPLIED.
 - COLOR: BLACK BACKGROUND WITH WHITE LETTERS FOR NORMAL POWER.
 - LETTER HEIGHT: 1/4" MINIMUM.

WARRANTIES:

1. WARRANT EACH SYSTEM AND EACH ELEMENT THEREOF AGAINST ALL DEFECTS DUE TO FAULTY WORKMANSHIP, DESIGN OR MATERIAL, FOR A PERIOD OF 12 MONTHS FROM DATE OF SUBSTANTIAL COMPLETION, UNLESS SPECIFIC ITEMS ARE NOTED TO CARRY A LONGER WARRANTY IN THE CONSTRUCTION DOCUMENTS OR MANUFACTURER'S STANDARD WARRANTY EXCEEDS 12 MONTHS. REMEDY ALL DEFECT, OCCURRING WITHIN THE PERIOD(S), AS STATED IN THE GENERAL CONDITIONS AND DIVISION 1.

2. ALSO WARRANT THE FOLLOWING ADDITIONAL ITEMS:

- ALL RACEWAYS ARE FREE FROM OBSTRUCTIONS, HOLES, CRUSHING, OR BREAKS OF ANY NATURE.
- ALL RACEWAY SEALS ARE EFFECTIVE.
- THE ENTIRE ELECTRICAL SYSTEM IS FREE FROM ALL SHORT CIRCUITS AND UNWANTED OPEN CIRCUITS AND GROUNDS.

3. THE ABOVE WARRANTIES SHALL INCLUDE LABOR AND MATERIAL, MAKE REPAIRS OR REPLACEMENTS WITHOUT ANY ADDITIONAL COSTS TO THE OWNER.

PENETRATIONS:

1. COORDINATE ALL ROOF PENETRATIONS WITH ENGINEER, OWNER, AND AS APPLICABLE, THE ROOFING CONTRACTOR PROVIDING A ROOF WARRANTY.

2. KEEP ALL RACEWAY PENETRATIONS WITH MECHANICAL EQUIPMENT CURBS WHEREVER POSSIBLE. COORDINATE WITH DIVISION 15 WORK.

3. FLASH AND COUNTERFLASH ALL OPENINGS THROUGH ROOF, AND/OR PROVIDE PRE-FABRICATED MOLDED SEALS COMPATIBLE WITH THE ROOF CONSTRUCTION INSTALLED, OR AS REQUIRED BY THE ENGINEER, OWNER, OR ROOFING CONTRACTOR. ALL ROOF PENETRATIONS SHALL BE LEAKTIGHT AT THE TERMINATION OF THE WORK AND SHALL NOT VOID AND NEW OR EXISTING ROOF WARRANTIES.

FIRE-STOPPING THROUGH PENETRATIONS:

1. FIRE-RESISTANT THROUGH PENETRATION SEALANTS: TWO-PART, FOAMED-IN-PLACE, SILICONE SEALANT FORMULATED FOR USE IN THROUGH-PENETRATION FIRE-STOPPING AROUND CABLES, RACEWAYS, AND CABLE TRAY PENETRATIONS THROUGH FIRE-RATED WALLS AND FLOORS. SEALANTS AND ACCESSORIES SHALL HAVE FIRE-RESISTANCE RATINGS INDICATED, AS ESTABLISHED BY TESTING IDENTICAL ASSEMBLIES IN ACCORDANCE WITH ASTM E 814, BY UNDERWRITERS LABORATORIES, INC., OR OTHER NRTL ACCEPTABLE TO A.H.J.

2. ACCEPTABLE MANUFACTURERS:
HILTI
3M CORP.
REGORSEAL
SPECIFY TECHNOLOGY INC.
UNITED STATES GYPSUM COMPANY.

BASIC ELECTRICAL MATERIALS AND METHODS

METALLIC CONDUIT AND TUBING; RACEWAYS:

- ELECTRICAL METALLIC TUBING, COUPLINGS AND FITTINGS (EMT): ANSI C80, UL 797. ONLY STEEL PRODUCTS ALLOWED. REDUCED WALL EMT IS NOT ALLOWED.
- FLEXIBLE METAL CONDUIT (FMC), ZINC-COATED STEEL ONLY. ALUMINUM, UL1 OR REDUCED WALL FMC ARE NOT ALLOWED.
- INTERMEDIATE METAL CONDUIT (IMC); HOT-DIP GALVANIZED RIGID STEEL CONDUIT, ANSI C80.6, UL 1242.

4. LIQUIDTIGHT FLEXIBLE METAL CONDUIT (LFMC); FLEXIBLE STEEL CONDUIT WITH PVC JACKET; UL 360.

5. RIGID METAL CONDUIT (RMC); HOT-DIP GALVANIZED RIGID STEEL CONDUIT (GRS); ANSI C80.1, UL6.

6. PLASTIC COATED IMC, RMC, AND FITTINGS: NEMA RN 1 UL LISTED.

7. IMC AND RMC FITTINGS: NEMA FB 1; COMPATIBLE WITH CONDUIT TYPE AND MATERIAL, UL LISTED.

RACEWAYS; NON-METALLIC CONDUIT AND TUBING:

1. RIGID NONMETALLIC CONDUIT (RNC); SCHEDULE 40 PVC, 90 DEG C RATED, NEMA TC-2, UL 691; FITTINGS: NEMA TC 3, TC 6, UL 514, COMPATIBLE WITH CONDUIT/TUBING TYPE AND MATERIAL, UL LISTED.

RACEWAY INSTALLATION ABOVE GROUND USE:

1. INSTALL ALL CIRCULAR RACEWAYS CONCEALED ABOVE SUSPENDED CEILINGS OR CONCEALED IN WALLS OR FLOORS WHEREVER POSSIBLE EXCEPT WHERE OTHERWISE INDICATED.

2. PROVIDE GRS FOR ALL CONDUIT RUNS EXPOSED TO WEATHER, OR EXPOSED TO OTHER HAZARDOUS CONDITIONS.

3. ALL OTHER RACEWAY MAY BE EMT WHERE APPROVED BY LOCAL CODE, USE COMPRESSION TYPE FITTINGS FOR EMT WITH ALL FITTINGS UL LISTED FOR THE ENVIRONMENT IN WHICH THEY ARE USED.

RACEWAY INSTALLATION UNDERGROUND USE:

1. PROVIDE GRS INSTALLED BELOW GRADE WITH A CORROSION RESISTANT BONDED PLASTIC OR APPROVED MASTIC COATING. THIS SHALL NOT INCLUDE THE 90 DEGREE ELBOW GRADE AND THE ENTIRE VERTICAL TRANSITION TO ABOVE GRADE.

2. RNC CONDUIT MAY BE USED UNDERGROUND WHERE PERMITTED BY LOCAL CODE AND WHERE NOT SPECIFICALLY RESTRICTED BY THESE DOCUMENTS. WHEN USED, PROVIDE COATED GRS, AS SPECIFIED ABOVE, FOR ALL BENDS GREATER THAN 90 DEGREES, INCLUDING THE 90 DEGREE ELBOWS BELOW GRADE AND THE ENTIRE VERTICAL RISERS FOR TRANSITIONS FROM BELOW TO ABOVE GRADE OR ABOVE SLAB.

RACEWAY INSTALLATION EQUIPMENT CONNECTIONS:

1. USE FMC FOR FINAL CONNECTION TO EACH MOTOR AND TRANSFORMER, AND TO ANY DEVICE THAT WOULD OTHERWISE TRANSMIT MOTION, VIBRATION, OR NOISE. USE LFMC WHERE EXPOSED TO LIQUIDS, VAPORS OR SUNLIGHT, AND TO CONNECT TO KITCHEN OR RESTROOM EQUIPMENT. PROVIDE ALL FMC AND LFMC WITH INSULATED BONDING CONDUCTOR.

GENERAL RACEWAY INSTALLATION REQUIREMENTS:

- INSTALL RACEWAYS PARALLEL AND PERPENDICULAR TO BUILDING LINES.
- EXCEPT WHERE APPROVED IN WRITING BY THE ENGINEER, INCLUDING NO RACEWAY IN A SLAB-ON-GRADE. LOCATE RACEWAY BELOW GRANULAR FILL BELOW SLAB-ON-GRADE.
- USE LONG RADIUS ELBOWS FOR ALL UNDERGROUND INSTALLATIONS, WHERE NECESSARY OR INDICATED.
- SECURELY FASTEN RACEWAYS IN PLACE WITH APPROVED STRAPS, HANGERS AND STEEL SUPPORTS AS REQUIRED. ATTACHED RACEWAY SUPPORTS TO BUILDING STRUCTURE. HANG SINGLE RACEWAYS FOR FEEDERS WITH MALLEABLE SPLIT RING HANGERS WITH ROD AND TURNBUCKLE SUSPENSION FROM INSERTS SPACED NOT OVER 10 FEET APART IN CONSTRUCTION ABOVE.
- REAM RACEWAY ENDS, THOROUGHLY CLEAN RACEWAY ENDS BEFORE INSTALLATION, AND KEEP CLEAN AFTER INSTALLATION. PLUG OR COVER OPENINGS AND BOXES AS REQUIRED TO KEEP RACEWAYS CLEAN DURING CONSTRUCTION.
- INSTALL APPROVED EXPANSION/DEFLECTION FITTINGS WHERE RACEWAYS PASS THROUGH (IF EMBEDDED) OR ACROSS (IF EXPOSED) EXPANSION JOINTS ALSO WHEN USING RNC OR RAC IN EXPOSED ENVIRONMENTS IN ACCORDANCE WITH THE NEC AND EXPANSION/CONTRACTION PROPERTIES OF RNC OR RAC.
- INSTALL ALL FULL WIRE IN EACH EMPTY RACEWAY THAT IS LEFT FOR INSTALLATION OF CONDUCTORS OR CABLES UNDER OTHER DIVISIONS OR CONTRACTS. USE POLYPROPYLENE OR MONOPLEMENT PLASTIC LINE WITH NOT LESS THAN 200-LB TENSILE STRENGTH. LEAVE AT LEAST 24 INCHES OF SLACK AT EACH END.

CONDUCTORS AND CABLES; CONDUCTOR MATERIAL:

- ANNEALED (SOFT) COPPER COMPLYING WITH ICSA 5-95-658/NEMA WC70;
 - TERMINATIONS: TINNED, COMPRESSION TYPE ONLY; UL-LISTED FOR CONDUCTOR CONDUCTORS AT 75 DEGREES C MINIMUM.
- CONDUCTOR INSULATION TYPES: 90-DEGREE C-RATED TYPE THHN/THWN-2 OR XHHW-2 COMPLYING WITH ICSA 5-95-658/NEMA WC70.
- SIZES OF CONDUCTORS AND CABLES INDICATED OR SPECIFIED ARE IN AMERICAN WIRE GAGE (AWG) UNLESS OTHERWISE NOTED.

- ALL FEEDER AND BRANCH CIRCUIT CONDUCTORS NO. 8 AWG AND LARGER; STRANDED.
- FEEDER CONDUCTORS SHALL BE SIZED FOR A MAXIMUM VOLTAGE DROP OF 2% AT DESIGN LOAD. BRANCH CIRCUIT CONDUCTORS SHALL BE SIZED FOR A MINIMUM VOLTAGE DROP OF 3% AT DESIGN LOAD.
- ALL CONDUCTORS, NO. 10 AWG AND SMALLER; SOLID COPPER.
- ALL BRANCH CIRCUIT WIRING: NOT SMALLER THAN NO. 12 AWG. IF NO CONDUCTOR SIZE IS INDICATED ON THE DRAWINGS FOR A BRANCH CIRCUIT, PROVIDE CONDUCTORS AND CONDUIT SIZED PER NFPA 70 AND BASED ON THE INDICATED NUMBER OF POLES. WHERE NO CIRCUIT SIZE (IE, CONDUCTORS AND CPD) IS INDICATED ON THE DRAWINGS FOR A BRANCH CIRCUIT, PROVIDE THREE (3) NO. 12 AWG CONDUCTORS, IN 3/4-INCH RACEWAY, AND A 20A CIRCUIT BREAKER.

8. CONTROL WIRING: STRANDED COPPER CONDUCTORS 600V INSULATION OF THE PROPER TYPE, SIZE AND NUMBER AS REQUIRED TO ACCOMPLISH SPECIFIED FUNCTION. MINIMUM SIZE: NO. 14 AWG, UNLESS NOTED OTHERWISE.

9. STRANDED FOR ALL FLEXIBLE CORDS AND CABLES, OR AS OTHERWISE INDICATED.

10. UNLESS INDICATED OTHERWISE, SPECIAL PURPOSE CONDUCTORS AND CABLES, SUCH AS LOW VOLTAGE CONTROL AND SHIELDED INSTRUMENT WIRING, SHALL BE AS RECOMMENDED BY THE SYSTEM EQUIPMENT MANUFACTURER.

11. TYPE MC CABLE: 600V, UNJACKETED; ANSI E111 AND E814, UL STANDARDS 44 (OR 83 AS APPLICABLE), AND 1569, NFPA TO ARTICLE 330; ALUMINUM OR GALVANIZED STEEL INTERMEDIATE WORK, THIN WALL, XHHW-INSULATED CONDUCTORS; COLOR CODE: ICSA METHOD 1, WITH GREEN INSULATED GROUNDING CONDUCTOR.

INSTALLATION OF CONDUCTORS AND CABLES:

- INSTALL ALL WIRING IN APPROVED RACEWAY AND ENCLOSURES.
- SUPPORT ALL CONDUCTORS AND CABLES IN VERTICAL INSTALLATIONS, AS REQUIRED BY NFPA 70, BY INSTALLING CABLE SUPPORTS OR PLUG-TYPE CONDUIT RISER SUPPORTS, OR WIRE-MESH SAFETY GRIPS.
- INSTALL ALL CONDUCTORS AND CABLE IN RACEWAYS CONTINUOUS WITHOUT TAPS OR SPLICES. SPLICE OR TAP ONLY IN APPROVED BOXES AND ENCLOSURES WITH APPROVED SOLDERLESS CONNECTORS, OR CRIMP CONNECTORS AND TERMINAL BLOCKS FOR CONTROL WIRING, AND KEEP TO THE MINIMUM REQUIRED. INSULATE ALL SPLICES, TAPS, AND JOINTS AS REQUIRED BY CODES.
- ALL MATERIALS USED TO TERMINATE, SPLICE OR TAP CONDUCTORS; DESIGNATED FOR PROPERLY SIZED FOR AND UL LISTED FOR THE SPECIFIC APPLICATIONS AND CONDUCTORS INVOLVED, AND INSTALLED IN STRICT ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS, USING THE MANUFACTURER'S RECOMMENDED TOOLS.

5. WHERE WIRING IS INDICATED AS INSTALLED, BUT THE CONNECTION IS INDICATED "FUTURE" OR "BY OTHER DIVISION, TRADES, OR CONTRACTS", LEAVE A MINIMUM 3'-FOOT "FRONTAL" AT THE BOX, TAP, THE ENDS OF THE CONDUCTORS, AND COVER THE BOX.

6. THE NUMBER OF CONDUCTORS IN A SPECIFIC RACEWAY "HOME RUN" IS INDICATED WITH CROSS LINES (TICK MARKS) ON EACH "CIRCUIT RUN" ON THE DRAWINGS. IN GENERAL, THE DIRECTION OF BRANCH CIRCUIT HOME RUN ROUTING IS INDICATED ON THE DRAWINGS, COMPLETE WITH CIRCUIT NUMBERS AND PANELBOARD DESIGNATION. CONTINUE ALL SUCH "HOME RUN" WIRINGS TO THE DESIGNATED PANELBOARD, AS THOUGH "CIRCUIT RUNS" WERE INDICATED IN THEIR ENTIRETY.

7. COMMON OR SHARED NEUTRALS ARE NOT ALLOWED UNLESS SHOWN ON THE DRAWINGS TO BE USED OR SPECIFICALLY NOTED TO BE ALLOWED.

8. MULTI-WIRE BRANCH CIRCUITS (I.E. SHARED NEUTRAL) SHALL BE PROVIDED A MEANS THAT WILL SIMULTANEOUSLY DISCONNECT ALL UNGROUNDED CONDUCTORS AT THE POINT THE BRANCH CIRCUIT ORIGINATES. MULTI-POLE BREAKERS OR 3 SINGLE POLE BREAKERS WITH A HANDLE TIE ARE TWO EXAMPLES.

9. WHEN MULTIPLE HOME RUNS ARE COMBINED INTO A SINGLE RACEWAY SUCH THAT THE NUMBER OF CONDUCTORS EXCEEDS FOUR (CONDUCTOR COUNT IS MADE UP OF ANY COMBINATION OF PHASE AND NEUTRAL CONDUCTORS), THE FOLLOWING RESTRICTIONS APPLY, WHICH ARE IN ADDITION TO THOSE IN NFPA 70:

NORMAL OR NON-ESSENTIAL CIRCUITS:

- MAXIMUM OF 16 CONDUCTORS IN A SINGLE RACEWAY.
- FOR UP TO EIGHT CONDUCTORS IN A RACEWAY, MINIMUM RACEWAY INCH: 3/4-INCH.
- FOR GREATER THAN EIGHT CONDUCTORS, MINIMUM RACEWAY INCH: 1-INCH.
- DO NOT INSTALL ANY OTHER TYPE OF CIRCUIT IN THIS RACEWAY.
- THE MINIMUM WIRE SIZE FOR ALL CONDUCTORS IN THIS RACEWAY: NO.10 AWG.
- ONLY 15A AND 20A BRANCH CIRCUIT HOMERUNS MAY BE COMBINED INTO ONE RACEWAY.

GFCI CIRCUITS:

- DO NOT USE MULTI-CONDUCTOR CIRCUITS WITH A SHARED NEUTRAL FOR ANY GFCI CIRCUIT BREAKER OR RECEPTACLE CIRCUIT.
- EMERGENCY POWER CIRCUITS - INCLUDES ALL CIRCUITS COVERED UNDER ARTICLE 411 AND 412.
- MAXIMUM OF EIGHT CONDUCTORS IN A SINGLE RACEWAY.
- MINIMUM RACEWAY SIZE: 3/4 - INCH.
- DO NOT INSTALL ANY OTHER TYPE OF CIRCUIT IN THIS RACEWAY.
- 15A AND 20A BRANCH CIRCUIT HOMERUNS MAY BE COMBINED INTO ONE RACEWAY.

10. FOR BRANCH CIRCUITS FED FROM GFCI CIRCUIT BREAKERS, LIMIT THE ONE-WAY CONDUCTOR LENGTH TO 100 FEET BETWEEN THE PANELBOARD AND THE MOST REMOTE RECEPTACLE OR LOAD ON THE GFCI CIRCUIT.

11. PROPERLY IDENTIFY ALL THERMAL BLOCKS AND WIRE TERMINALS FOR CONTROL WIRING WITH VINYL STICKER OR MARKERS OR EQUIVALENT. PROVIDE ENGINEERS WITH A LIST OF PROPOSED IDENTIFYING NUMBERS FOR REVIEW PRIOR TO INSTALLING MARKERS.

12. PROVIDE AN EQUIPMENT-GROUNDING CONDUCTOR, OR BONDING JUMPER, AS APPLICABLE, IN ALL FEEDERS AND BRANCH CIRCUITS, SIZED IN ACCORDANCE WITH NFPA 70 TABLE 250.66 OR 250.122, AS APPLICABLE, UNLESS INDICATED AS LARGER ON THE DRAWINGS.

13. VOLTAGE DROP IN FEEDER CIRCUITS SHALL NOT EXCEED 2 PERCENT. VOLTAGE DROP IN BRANCH CIRCUITS SHALL NOT EXCEED 3 PERCENT.

14. WIRING SHALL HAVE INSULATION OF THE PROPER COLOR TO MATCH COLOR CODE SYSTEM IN THE TABLE BELOW UNLESS THERE IS A COLOR SYSTEM CURRENTLY IN USE BY THE FACILITY. IN WHICH CASE THE COLORS ARE TO MATCH THE EXISTING SYSTEM. IN LARGER SIZES, WHERE PROPERLY COLORED INSULATION IS NOT AVAILABLE, USE VINYL PLASTIC ELECTRICAL TAPE OF THE APPROPRIATE COLOR AROUND EACH CONDUCTOR AT ALL TERMINATION POINTS, JUNCTION AND PULL BOXES.

THE COLOR CODING SYSTEM LISTED BELOW SHALL BE USED THROUGHOUT:

SYSTEM VOLTAGE	PHASE A	PHASE B	PHASE C	NEUTRAL	GROUND	ISOLATED GROUND
120/208V	BLACK	RED	BLUE	WHITE	GREEN	GREEN W/ YELLOW STRIPE
277/480V	BROWN	ORANGE	YELLOW	WHITE	GRAY	N/A

USE OF MC CABLE MAY ONLY BE USED:

1. IN LIEU OF FLEXIBLE CONDUIT AND WIRING FROM LIGHT FIXTURES IN ATTACHED CEILING TO JUNCTION BOXES OR MONOPLEMENT STRUCTURE ABOVE THE CEILING. PROVIDE CABLE WHIPS OF SUFFICIENT LENGTHS TO ALLOW FOR RELOCATING EACH LIGHT FIXTURE WITHIN A 5 FOOT RADIUS OF ITS INSTALLED LOCATION, BUT NOT EXCEEDING 6 FEET IN UNPROTECTED LENGTHS.

2. FOR VERTICAL DROPS IN STUD WALLS.

3. IN LIEU OF EMT ONLY FOR 15A AND 20A BRANCH CIRCUITS (WITH UP TO FOUR (4) CONDUCTORS, NOT INCLUDING GROUND CONDUCTOR) AND ONLY IN DRY CONCEALED LOCATIONS ABOVE GRADE, EXCEPT WHERE SPECIFICALLY NOT PERMITTED BY NFPA 70.

MC CABLE SHALL NOT BE USED FOR ANY USE NOT LISTED ABOVE. EXAMPLES OF THOSE USES INCLUDE, BUT ARE NOT LIMITED TO:

HOMERUNS TO PANELBOARDS, WHERE EXPOSED TO VIEW, WHERE EXPOSED TO DAMAGE, HAZARDOUS LOCATIONS.

WET LOCATIONS, WHEN RESTRICTED OTHERWISE, WHEN SPECIFICALLY DISALLOWED BY THE LOCAL A.H.J. WHEN SPECIFICALLY DISALLOWED BY THE LANDLORD, OR BY NFPA 70, WHICHEVER IS LARGER, OR CIRCUITS THAT CAN BE SUPPLIED BY AN EMERGENCY OR STANDBY POWER SOURCE.

JUNCTION BOXES, PULL BOXES, CABINETS AND WIREWAYS:

1. PROVIDE JUNCTION BOXES, PULL BOXES, CABINETS AND WIREWAYS WHEREVER NECESSARY FOR PROPER INSTALLATION OF VARIOUS ELECTRICAL SYSTEMS ACCORDING TO NFPA 70 AND WHERE INDICATED ON THE DRAWINGS. SIZE AS REQUIRED FOR THE SPECIFIC FUNCTION OR, AS REQUIRED BY NFPA 70, WHICHEVER IS LARGER. CONSTRUCTION SHALL BE OF A NEMA DESIGN SUITABLE FOR THE ENVIRONMENT INSTALLED.

2. JUNCTION BOXES INSTALLED BEHIND WALL CAGES, AND IN OR ON OTHER STORE FIXTURES EXCEPT WHERE OTHERWISE SPECIFIED, SHALL BE 4-INCH SQUARE OR LARGER, WITH GALVANIZED COVERS.

3. HORIZONTALLY MOUNT JUNCTION BOXES UNDER CENTER FIXTURES (AND CASES), HANDY BOXES OR 4-INCH SQUARE WITH TOPS OF BOXES NOT MORE THAN 36 INCHES ABOVE THE FLOOR. SIZE JUNCTION BOXES TO ADEQUATELY CONTAIN ALL REQUIRED CONDUCTORS AND SPLICES.

OUTLET BOXES:

1. ALL OUTLETS INCLUDING LIGHT FIXTURE, SWITCH, RECEPTACLE, AND SIMILAR OUTLETS: NATIONAL ELECTRICAL APPLICTION STEEL, CITY RACO, OR APPROVED EQUAL, GALVANIZED STEEL KNOCKOUT BOXES, SUITABLE IN DESIGN TO THE PURPOSE THEY SERVE AND THE SPACE THEY OCCUPY. SIZE AS REQUIRED FOR THE SPECIFIC FUNCTION OR, AS REQUIRED BY NFPA 70, WHICHEVER IS LARGER. SET ALL OUTLET BOXES IN WALLS, COLUMNS, FLOORS, OR CEILING SO THEY ARE FLUSH WITH THE FINISHED SURFACE, ACCURATELY SET, AND RIGIDLY SECURED IN POSITION. PROVIDE PLASTER RINGS, EXTENSION RINGS AND/OR MASONRY RINGS AS REQUIRED FOR FLUSH MOUNTING. PROVIDE APPROVED CAST OUTLET BOXES, WITH RUGS AND WEATHERPROOF COVERS, IN ALL AREAS SUBJECT TO DAMP, WET, OR HARSH CONDITIONS.

OUTLET LOCATIONS:

1. COORDINATE LOCATION OF OUTLET BOXES. OUTLETS ARE ONLY APPROXIMATELY LOCATED ON THE SMALL SCALE DRAWINGS. USE GREAT CARE IN THE ACTUAL LOCATION BY CONSULTING THE VARIOUS LARGE SCALE DETAILED DRAWINGS USED BY OTHER DIVISION TRADES, AND BY SECURING DEFINITE LOCATIONS FROM THE ARCHITECT.

MOUNTING HEIGHTS:

1. UNLESS NOTED OTHERWISE, INSTALL WIRING DEVICES AS INDICATED BELOW (NOTE: ALL DIMENSIONS ARE TO THE CENTER OF THE OUTLET BOX UNLESS NOTED OTHERWISE);

MOUNTING HEIGHTS - RECEPTACLES:

1. VERTICALLY ALIGNED WITH THE GROUND SLOT MOUNTED AT THE TOP; 18 INCHES ABOVE FINISHED FLOOR.

2. HORIZONTALLY ALIGNED, WITH NEUTRAL SLOT MOUNTED AT THE TOP; 18 INCHES ABOVE FINISHED FLOOR.

3. FOR 36 - INCH HIGH COUNTER TOPS; 48 INCHES ABOVE FINISHED FLOOR, VERTICALLY ALIGNED.

4. FOR 34 - INCH HEIGHT COUNTER TOPS; 44 INCHES ABOVE FINISHED FLOOR, VERTICALLY ALIGNED.

5. MECHANICAL AND ELECTRICAL EQUIPMENT ROOMS AND JANITORS CLOSETS; 44 INCHES ABOVE FINISHED FLOOR, VERTICALLY ALIGNED.

6. WEATHERPROOF EXTERIOR RECEPTACLES; 24 INCHES ABOVE FINISHED GRADE, VERTICALLY ALIGNED.

7. GFCI RECEPTACLES: SAME AS GENERAL RECEPTACLES.

8. ISOLATED GROUND RECEPTACLES: SAME AS GENERAL.

9. CONCRETE BLOCK WALLS: DIMENSIONS ABOVE MAY BE ADJUSTED SLIGHTLY, AS REQUIRED TO COMPENSATE FOR VARIABLE JOINT DIMENSIONS, SUCH THAT BOTTOM OR TOP OF BOXES, AS APPLICABLE, ARE AT BLOCK JOINTS.

MOUNTING HEIGHTS - SWITCHES:

1. GENERAL: 44 INCHES ABOVE FINISHED FLOOR.

2. ABOVE COUNTERS: SAME AS FOR RECEPTACLES.

3. CONCRETE BLOCK WALLS; 40 INCHES ABOVE FINISHED FLOOR (DIMENSION MAY BE ADJUSTED SLIGHTLY, AS REQUIRED TO COMPENSATE FOR VARIABLE JOINT DIMENSIONS, SUCH THAT BOTTOM OF BOXES ARE AT CLOCK JOINTS).

4. WALLS WITH HAINSCOTING: 6 INCHES MINIMUM ABOVE HAINSCOTING, BUT NOT EXCEEDING 48 INCHES ABOVE FINISHED FLOOR.

MOUNTING HEIGHTS - MULTI-OUTLET ASSEMBLIES:

1. 6 INCHES ABOVE COUNTER TOP.

MOUNTING HEIGHTS - TELEPHONE/DATA OUTLET BOXES:

1. GENERAL: MATCH MOUNTING HEIGHT OF ADJACENT WIRING DEVICE LISTED ABOVE.

2. WALL-MOUNTED TELEPHONE; 52 INCHES ABOVE FINISHED FLOOR.

WIRING DEVICES:

1. THE CATALOG NUMBERS LISTED FOR WIRING DEVICES ARE GENERALLY FOR 20A RATED DEVICES. WHERE 15A RATED DEVICES ARE INDICATED ON THE DRAWINGS OR REQUIRED FOR CIRCUIT RATING LIMITATIONS, PROVIDE WIRING DEVICES EQUIVALENT TO THOSE SPECIFIED FOR 20A, BUT RATED FOR 15A.

2. ALL RECEPTACLES LOCATED OUTDOORS OR IN DAMP OR WET LOCATIONS; SHALL BE LISTED AS "WEATHER RESISTANT", DESIGNATED BY A "WR" ON THE FACEPLATE.

3. PROVIDE THE FOLLOWING WIRING DEVICES WHERE SHOWN ON DRAWINGS OR REQUIRED; MINOR CHANGES RELATIVE TO THE LOCATION OR ELECTRICAL EQUIPMENT MAY BE MADE TO COMPLY WITH STRUCTURAL AND BUILDING MATERIALS AS DETERMINED IN THE COURSE OF CONSTRUCTION. PROVIDE ALL WIRING DEVICES OF THE SAME MANUFACTURER AND NOT MIXED ON THE PROJECT, TO THE MAXIMUM EXTENT POSSIBLE. PROVIDE COLOR OF TOGGLES AND RECEPTACLE INDICATED BY THE ENGINEER; REFER TO DETAIL SHOWING RECEPTACLES TABLE.

TYPE OF DEVICE	HUBBELL	PASS 4 SEYMOUR	LEVITON	COOPER WIRING DEVICES
SIMPLEX RECP	HBL 5361	5361	5911	5351
DUPLEX RECP	CR 5352	5352	5352	5352
RED DUPLEX RECP	5362-R	23642-RED	5352	5352
GFCI RECP	6F5352	2041	6896/6596	XGF20
SAFETY / RECP (20A / 125V)	HBL8300SG	TR63	8300-SC	TR 8300
WR/GFCI RECP	6FR5362-TR	2045 TRWR	W7894-T	TRRV6 20
QUAD RECP	HBL 420	420	21254	N/A
SINGLE POLE SW	CS 1221	PS 20 AC1	1221-2	2221
DOUBLE POLE SW	CS 1222	PS 20 AC2	1222-2	2222
THREE-WAY SW	CS 1223	PS 20 AC3	1223-2	2223
FOUR-WAY SW	CS 1224	PS 20 AC4	1224-2	2224

SWITCH AND OUTLET COVER PLATES:

1. SWITCH AND OUTLET PLATES: COLORED, SMOOTH NYLON, BY THE SAME MANUFACTURER AS THE WIRING DEVICES, WHEREVER POSSIBLE. VERIFY DESIRED MATERIALS AND COLORS WITH ENGINEER BEFORE INSTALLATION. SWITCH PLATES IN UNFINISHED ROOMS AND SPACES: STAMPED STEEL, CADMIUM PLATED. INSTALL GROUPS OF SWITCHES UNDER ONE HANGED-PLATE, USUALLY HORIZONTALLY, OR, WHERE REQUIRED BY DETAILS, VERTICALLY. SET ALL COVER PLATES FLUSH, PARALLEL, AND FINISHED FLUSH WITH THE WALL.

WEATHERPROOF COVER PLATES:

1. PROVIDE GFCI RECEPTACLES FOR DESIGNATED WEATHERPROOF RECEPTACLES, UNLESS INDICATED OTHERWISE ON THE DRAWINGS.

2. FOR EXTERIOR UNATTENDED, WET LOCATIONS OR OTHER LOCATIONS AS INDICATED; IN-USE NEMA 3R RECESSED OR FLUSH MOUNT, UL-LABELED PLATES MOLDED FROM A CLEAR HIGH IMPACT ULTRAVIOLET STABILIZED POLYCARBONATE MATERIAL FOR EASY VERIFICATION THAT CORDS ARE PLUGGED IN AND THAT THE GFCI IS FUNCTIONING; BACK BOX MUST BE SUITABLE FOR CONDUIT CONNECTING; COORDINATE BACK BOX WITH WALL DEPTH. INTERMATIC WPIC00RC/HR, OR EQUAL.

3. FOR ATTENDED WET OR DAMP LOCATIONS: WEATHERPROOF COVER PLATES, UL-LISTED FOR WET LOCATIONS WITH COVER(S) CLOSED; DIE-CAST ALUMINUM OR TYPE 302 STAINLESS STEEL; SINGLE-COVER FOR SWITCHES AND VERTICALLY MOUNTED RECEPTACLES; DOUBLE-COVER FOR HORIZONTALLY MOUNTED RECEPTACLES; SELF-CLOSING COVERS.

4. COVER PLATES: BY THE SAME MANUFACTURER AS THE WIRING DEVICES; COMPLYING WITH NFPA 70 405.8 (A) OR (B) REQUIREMENTS FOR ATTENDED OR UNATTENDED USE AS APPLICABLE.

Florida State Statute Requirement: This Item has been electronically signed and sealed by Timothy J. Smith using a digital signature and seal. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

CLIENT/OWNER

ELECTRICAL SPECIFICATIONS (CONT'D):

ELECTRICAL POWER - SERVICE AND DISTRIBUTION

ELECTRICAL SERVICE:

- SEE DRAWINGS FOR TYPE, SIZE, VOLTAGE, PHASE, AND OTHER REQUIREMENTS.
- PROVIDE, OR ARRANGE WITH THE SERVING UTILITY FOR INSTALLATIONS TO PROVIDE A RECORDING VOLTMETER AT THE SERVICE POINT, ON THE FIRST DAY THE FACILITY IS OPEN FOR BUSINESS, FOR A 24-HOUR VOLTAGE TEST. IF VOLTAGE AND REGULATION ARE NOT WITHIN ACCEPTABLE LIMITS, ARRANGE WITH THE UTILITY FOR PROPER VOLTAGE. SUBMIT TO THE OWNER A REPORT OF MAXIMUM AND MINIMUM VOLTAGE AND A COPY OF THE RECORDING VOLTMETER CHART.

CONNECTION TO SERVING UTILITIES:

- PROVIDE RACEWAYS, TERMINATIONS, METERING PROVISIONS, AND MISCELLANEOUS EQUIPMENT, AS REQUIRED, FOR ELECTRICAL AND TELEPHONE SERVICES FOR CONNECTION BY THE SERVING UTILITY, IN STRICT COMPLIANCE WITH THE REQUIREMENTS OF ALL APPLICABLE CODES AND OF THE SERVING UTILITY INVOLVED. VERIFY ALL SERVICE TERMINATIONS AND CONNECTION POINTS IN THE FIELD AND WORK IN CONJUNCTION WITH THE UTILITY INVOLVED IN THE INSTALLATION OF ALL SERVICES. PROVIDE ALL MATERIALS AND EQUIPMENT REQUIRED FOR COMPLETE UTILITY CONNECTION BUT NOT FURNISHED BY THE SERVING UTILITY. NOTIFY THE UTILITY COMPANIES INVOLVED WITHIN TWO WEEKS AFTER NOTICE TO PROCEED, OF ALL REQUIRED INFORMATION NECESSARY FOR THE UTILITY TO SUPPLY THE PROJECT WITH AN OUTLET. PAY ALL CHARGES FOR THE SERVING UTILITY FOR THE ELECTRICAL SERVICES(S).

GROUNDING:

- PERMANENTLY AND EFFECTIVELY GROUND AND BOND THE ELECTRICAL INSTALLATION IN A THOROUGH AND EFFICIENT MANNER, AND IN CONFORMANCE, AT A MINIMUM WITH NFPA 70, OR THESE DOCUMENTS, WHERE THEY EXCEED CODE REQUIREMENTS. USE BARE OR INSULATED CONDUCTORS, AS SPECIFIED HEREIN, AND OTHER MATERIALS INDICATED ON THE DRAWINGS.

ELECTRICAL DISTRIBUTION - CIRCUIT BREAKERS IN EXISTING PANELBOARDS:

- PROVIDE NEW CIRCUIT BREAKERS, FOR INSTALLATION IN EXISTING PANELBOARDS, OF THE SAME MANUFACTURER, TYPE AND SHORT CIRCUIT CURRENT INTERRUPTING RATINGS AS THE EXISTING PANELBOARD CIRCUIT BREAKERS.

ELECTRICAL DISTRIBUTION - DISCONNECT (SAFETY) SWITCHES:

- DISCONNECT (SAFETY) SWITCHES: SQUARE D, SIEMENS, CUTLER HAMMER, OR GENERAL ELECTRIC FUSED OR NON-FUSED (AS INDICATED ON DRAWINGS OR REQUIRED) NEMA KS, HEAVY DUTY, EXTERNALLY OPERATED, VISIBLE-BLADE SAFETY SWITCHES, NEMA ENCLOSURE TYPE INDICATED ON THE DRAWINGS OR SUITABLE FOR THE ENVIRONMENT IN WHICH INSTALLED, BASED ON FUSIBLE SWITCH AND FUSE SIZES INDICATED, INCLUDE CLASS R, J OR L FUSE PROVISIONS AS APPLICABLE.
- WHERE INDICATED, PROVIDE FUSIBLE SWITCHES PERMANENTLY LABELED AS SUITABLE FOR USE AS SERVICE ENTRANCE EQUIPMENT WITH INTEGRAL AND SEPARATE NEUTRAL AND GROUND ASSEMBLIES SUITABLE FOR THE SIZES OF CONDUCTORS INDICATED. DO NOT DOUBLE-LUG ANY TERMINATIONS NOT SPECIFICALLY LISTED AS SUITABLE FOR MORE THAN ONE CONDUCTOR.

- PROVIDE SWITCHES WHERE NOT FURNISHED WITH THE STARTING EQUIPMENT, AT ALL OTHER POINTS REQUIRED BY NFPA 70, AND WHERE INDICATED ON THE DRAWINGS.

ELECTRICAL DISTRIBUTION - FUSES:

- PROVIDE EACH CIRCUIT AND SET OF FUSE CLIPS THROUGHOUT THE WORK WITH BUSSMANN OR LITTLEFUSE FUSES, SIZES AND TYPES AS REQUIRED OR INDICATED. ALL FUSES LARGER THAN 600A: UL CLASS L, SIMILAR TO TYPE KRP-C, BUSSMANN LOW PEAK OR EQUAL FUSES USED TO PROTECT MOTOR; UL CLASS RK1, BUSSMANN OR EQUAL FUSES USED TO PROTECT OTHER ELECTRICAL EQUIPMENT; UL CLASS RK1, DUAL ELEMENT, BUSSMANN LP5/LPN OR EQUAL. ALL FUSED DEVICES SHALL BE LABELED AS TO TYPE AND SIZE OF FUSE REQUIRED.

- FURNISH THREE SPARE FUSES OF EACH SIZE AND TYPE USED ON THE PROJECT (EXCEPT FOR MAIN SWITCH FUSES, FURNISH ON SPARE), NEATLY CONTAINED IN A PROPERLY LABELED CABINET.

LIGHTING

LIGHT FIXTURE LOCATIONS:

- LIGHT FIXTURES SHOWN ON THE ELECTRICAL DRAWINGS REPRESENT GENERAL ARRANGEMENTS ONLY. REFER TO ARCHITECTURAL DRAWINGS FOR MORE EXACT LOCATIONS. COORDINATE LOCATION WITH ALL OTHER TRADES BEFORE INSTALLATION TO AVOID CONFLICTS. COORDINATE LIGHT FIXTURE LOCATIONS IN MECHANICAL ROOMS WITH FINAL INSTALLED PIPING AND DUCTWORK LAYOUTS.

LIGHT FIXTURES:

- PROVIDE LIGHT FIXTURES AS SCHEDULED ON DRAWINGS, INCLUDING ALL LAMPS, ALL NECESSARY ACCESSORY MATERIAL AND LABOR TO SECURELY HANG, CLEAN, AND MAKE LIGHT FIXTURES COMPLETELY READY FOR USE. LIGHT FIXTURE MODEL NUMBERS SCHEDULED ON THE DRAWINGS SHOW ONLY THE MANUFACTURER, GRADE AND STYLE OF LIGHT FIXTURES REQUIRED. PROVIDE ALL HANGERS, SUPPORTS, AND MISCELLANEOUS HARDWARE REQUIRED TO INSTALL LIGHT FIXTURES; PROPER TRIM TO FIT EACH CEILING CONDITION ACTUALLY ENCOUNTERED; ADDITIONAL TRIM Wires CONNECTED TO STRUCTURE TO SEISMIC REQUIREMENTS WHERE REQUIRED BY THE APPLICABLE BUILDING CODE.

- PACKAGING OF LIGHT FIXTURES WILL NOT BE ALLOWED. ONLY THOSE LUMINAIRES LISTED IN THE LIGHT FIXTURE SCHEDULE OR APPROVED IN ACCORDANCE WITH SUBSTITUTIONS OF THESE SPECIFICATIONS, WILL BE ACCEPTED. WHERE THE LIGHT FIXTURE SCHEDULE INDICATES AN ALLOWANCE FOR A SPECIFIC LIGHT FIXTURE, THE PRICE IS A CONTRACTOR PRICE. INCLUDE ALL ADDITIONAL COSTS FOR THE FREIGHT, LAMPS, AND INSTALLATION OF LIGHT FIXTURE AND LAMPS.

- SURFACE-MOUNT ALL LED LIGHT FIXTURES LOCATED IN AREAS WITHOUT SUSPENDED CEILINGS UNLESS OTHERWISE INDICATED ON THE DRAWINGS. PROVIDE RIGID METAL SPACERS FINISHED IN WHITE ENAMEL BETWEEN THE TOP OF EACH LIGHT FIXTURE AND THE CEILING ABOVE TO MAINTAIN 1/2-INCH SPACE. SPACERS SHALL BE APPROVED BEFORE INSTALLATION.

- INSTALL LED LIGHT FIXTURES HUNG IN CONTINUOUS ROWS ON CHANNEL TRUSSES SPECIFICALLY DESIGNED FOR THIS PURPOSE.

- INSTALL ALL LED LIGHT FIXTURES LOCATED IN AREAS WITHOUT CEILINGS IMMEDIATELY BELOW THE ROOF-FRAMING MEMBERS, OR SUSPENDED FROM CHAIN HANGERS SUITABLE IN LENGTH TO PROVIDE THE INDICATED MOUNTING HEIGHT. HANGERS: 'HYDEE' HANGER TYPE FOR OUTLET TYPE FOR OUTLET BOX MOUNTING, COMPLETE WITH GROUNDING RECEPTACLE, PLUS, 3-WIRE CORD AND NECESSARY CHAIN.

- THROUGH WIRING OF RECESSED LIGHT FIXTURES, IN SUSPENDED CEILINGS, IS NOT PERMITTED. CONNECT EACH LIGHT FIXTURE BY A WHIP TO A JUNCTION BOX. PROVIDE CABLE WHIPS OF SUFFICIENT LENGTHS TO ALLOW FOR RELOCATING EACH LIGHT FIXTURE WITHIN A 5-FOOT RADIUS OF ITS INSTALLED LOCATION, BUT NOT EXCEEDING 6 FEET IN UNSUPPORTED LENGTHS.

EMERGENCY LIGHTINGS UNITS AND EXIT SIGNS:

- DESCRIPTION: SELF-CONTAINED UNITS COMPLYING WITH UL 924.

- BATTERY: SEALED, MAINTENANCE-FREE, LEAD-ACID TYPE. THE BATTERIES SHALL BE OF SUITABLE RATING AND CAPACITY TO SUPPLY AND MAINTAIN AT NOT LESS THAN 91% PERCENT OF THE NOMINAL BATTERY VOLTAGE FOR THE TOTAL LAMP LOAD ASSOCIATED WITH THE UNIT FOR A PERIOD OF AT LEAST 1 1/2 HOURS, OR THE UNIT EQUIPMENT SHALL SUPPLY AND MAINTAIN NOT LESS THAN 60% PERCENT OF THE INITIAL EMERGENCY ILLUMINATION FOR A PERIOD OF AT LEAST 1 1/2 HOURS.

- CHARGER: FULLY AUTOMATIC, SOLID-STATE TYPE WITH SEALED TRANSFER RELAY.

- OPERATION: RELAY AUTOMATICALLY TURNS LAMP ON WHEN POWER SUPPLY CIRCUIT VOLTAGE DROPS TO 80 PERCENT OF NOMINAL VOLTAGE OR BELOW. LAMP AUTOMATICALLY DISCONNECTS FROM BATTERY WHEN VOLTAGE APPROXIMATES DEEP-DISCHARGE LEVEL. WHEN NORMAL VOLTAGE IS RESTORED, RELAY DISCONNECTS LAMPS FROM BATTERY, AND BATTERY IS AUTOMATICALLY RECHARGED AND FLOATED ON CHARGER.

- TEST PUSH BUTTON: PUSH-TO-TEST TYPE, IN UNIT HOUSING, SIMULATES LOSS OF POWER. LED INDICATOR LIGHT. INDICATES NORMAL POWER ON. NORMAL GLOW INDICATES TRIAC CHARGE. BRIGHT GLOW INDICATES CHARGING AT END OF DISCHARGE CYCLE.

- INTEGRAL TIME-DELAY RELAY: HOLDS UNIT ON FOR FIXED INTERVAL OF 15 MINUTES WHEN POWER IS RESTORED AFTER AN OUTAGE.

- REMOTE TEST: SWITCH IN HAND-HELD REMOTE DEVICE AIMED IN DIRECTION OF TESTED UNIT INITIATES CODED INFRARED SIGNAL. SIGNAL RECEPTION BY FACTORY-INSTALLED INFRARED RECEIVER IN TESTED UNIT TRIGGERS SIMULATION OF LOSS OF ITS NORMAL POWER SUPPLY, PROVIDING VISUAL CONFIRMATION OF EITHER PROPER OR FAILED EMERGENCY RESPONSE.

- INTEGRAL SELF-TEST: FACTORY INSTALLED ELECTRONIC DEVICE AUTOMATICALLY INITIATES CODE-REQUIRED TEST OF UNIT EMERGENCY OPERATION AT REQUIRED INTERVALS. TEST FAILURE IS ANNUNCIATED BY AN INTEGRAL AUDIBLE ALARM AND FLASHING RED LED.

LAMPS:

- PROVIDE LAMPS AS INDICATED ON THE DRAWINGS FOR ALL LIGHT FIXTURES, OR, IF NOT INDICATED, AS RECOMMENDED BY THE LIGHT FIXTURE MANUFACTURER. IN ALL CASES, LAMPS SHALL BE COMPATIBLE WITH THE SPECIFIED LIGHT FIXTURE. ACCEPTABLE LAMP MANUFACTURERS: GENERAL ELECTRIC, OSRAM/SYLVANIA, PHILIPS, OR VENTURE.

- ALL LED'S SHALL BE MINIMUM OF 3500 DEGREES K, WITH A MINIMUM COLOR-RENDERING INDEX OF 70, UNLESS NOTED OR DIRECTED OTHERWISE. ALL LED'S IN SALES AREAS SHALL BE 3000 DEGREES K WITH A COLOR-RENDERING INDEX OF 70.

- INCANDESCENT LAMPS: TYPE AND WATTAGE AS SHOWN ON THE DRAWINGS; RATED 130V UNLESS OTHERWISE SCHEDULED OR SPECIFIED.

MISCELLANEOUS ELECTRICAL

WIRING OF MECHANICAL EQUIPMENT:

- PROVIDE ALL RACEWAYS AND POWER WIRING FOR ALL DIVISION 15 EQUIPMENT REQUIRING ELECTRICAL CONNECTIONS, INCLUDING, BUT NOT LIMITED TO, PUMPS, WATER HEATERS, AND OTHER MECHANICAL EQUIPMENT AND ALL LINE-VOLT CONTROL AND INTERLOCK WIRING NOT PROVIDED UNDER DIVISION 15. CONNECT PER MANUFACTURERS WIRING DIAGRAMS. COORDINATE WITH DIVISION 15 FOR ACCESSIBLE PANELS PROVIDED WITH EQUIPMENT AND PROVIDE ALL DISCONNECT SWITCHES AS REQUIRED. AFTER INSTALLING WIRING, VERIFY THAT EACH MOTOR LOAD HAS THE CORRECT PHASE ROTATION.

- VERIFY THE ACTUAL "MAXIMUM OVERCURRENT PROTECTION" (MOCP) DEVICE RATINGS AND "MINIMUM CIRCUIT AMPACITY" (MCA) CONDUCTOR SIZING FOR MECHANICAL EQUIPMENT FROM THE EQUIPMENT NAMEPLATE. BASE ELECTRICAL INSTALLATIONS ON ACTUAL REQUIRED AMPERAGES, WHICH MAY VARY SOMEWHAT FROM THE CONDUCTOR SIZES INDICATED ON THE DRAWINGS. HOWEVER, IN NO CASE, REDUCE THE SIZE OF CONDUCTORS INDICATED ON THE DRAWINGS WITHOUT AUTHORIZATION FROM THE ENGINEER. PROVIDE PROPERLY SIZED ELECTRICAL WIRING AND EQUIPMENT WITHOUT EXTRA COST TO THE OWNER. NOTIFY THE ENGINEER OF ALL CHANGES REQUIRED IN THE ELECTRICAL INSTALLATION DUE TO EQUIPMENT VARIANCES SO THAT THE EFFECTS ON FEEDERS, BRANCH CIRCUITS, PANELBOARDS, FUSED CIRCUIT BREAKERS CAN BE CORRECTED PRIOR TO PURCHASING AND INSTALLATION. BE RESPONSIBLE FOR COORDINATING WITH DIVISION 15 TO VERIFY THE ACTUAL AMPACITIES AND CORRECT SIZES OF ALL CONDUCTORS AND OVERCURRENT PROTECTIVE DEVICES FOR ALL EQUIPMENT, AND CORRECT OVERLOAD HEATERS FOR ALL MOTORS, WHEN STARTERS ARE PROVIDED UNDER DIVISION 16.

WIRING OF THERMOSTATS, TIME AND TEMPERATURE CONTROLS:

- PROVIDE ALL RACEWAYS, POWER WIRING, AND LINE-VOLTAGE CONTROL AND INTERLOCK WIRING NOT PROVIDED UNDER DIVISION 15, FOR ALL THERMOSTATS, TEMPERATURE CONTROL DEVICES, AND CONTROLS, INCLUDING, BUT NOT LIMITED TO, NIGHT-STATS, WATER HEATER INTERLOCKS, TIME SWITCHES AND OVERRIDE TIMERS, AND MECHANICAL DRIVING FOR LOCATIONS AND TEMPERATURE CONTROL DIAGRAM LOW-VOLTAGE CONDUCTORS FOR THERMOSTATS AND TEMPERATURE CONTROL SYSTEM MAY BE RUN EXPOSED ABOVE FINISHED ACCESSIBLE CEILINGS, IF APPROVED AND LISTED FOR THIS PURPOSE, BUT SHALL BE INSTALLED IN CONDUIT WITHIN WALLS AND WHERE EXPOSED IN THE WORK AREAS.

DATA SYSTEM PROVISIONS:

- PROVIDE FLUSH MOUNTED DATA OUTLET BOXES WITH INCH CONDUIT STUB-UP CONCEALED TO ACCESSIBLE CEILING SPACE AT LOCATIONS AS INDICATED ON THE DRAWINGS.

TIME SWITCHES:

- TIME SWITCHES: ELECTRONIC DIGITAL ASTRONOMICAL TYPE AS INDICATED, WITH MANUAL BYPASS SWITCH, NEMA ENCLOSURE SUITABLE FOR THE ENVIRONMENT INSTALLED, NUMBER AND TYPES OF CONTACTS, SEQUENCE, AND VOLTAGE AS INDICATED ON THE DRAWINGS, OR AS REQUIRED, BASED ON THE TIME SWITCH FUNCTION AND THE NUMBER OF BRANCH CIRCUITS OR CONTACTORS CONTROLLED. PROVIDE WIRING TO PHOTOCELLS, CONTRACTORS, RELAYS OR OTHER CONTROL POINTS AS REQUIRED, MANUFACTURERS: INTERNATIC, PARAGON, OR TORK.

LIGHTING CONTACTORS:

- INDUSTRIAL DUTY TYPE; SILVER ALLOY, DOUBLE BREAK CONTACTS, CONVERTIBLE WITH NO AND NC INDICATORS; CAPABLE OF ADDING POLES IN THE FIELD; NUMBER AND RATINGS OF POLES AS INDICATED ON THE DRAWINGS OR REQUIRED BY THE LOAD CONTROLLED; TYPED DIRECTORY AFFIXED TO THE INSIDE OF THE ENCLOSURE DOOR LISTING ALL BRANCH CIRCUITS SWITCHED AND THE CONTROL POWER BRANCH CIRCUIT. COORDINATE CONTACT REQUIREMENTS WITH F50 PRIOR TO PLACING ORDER.

- SHORT CIRCUIT CURRENT RATING: 22,000 AT 240V AC

- ENCLOSURES: NEMA 1

- COIL VOLTAGE: 120V AC

- ELECTRICALLY-HELD TYPE; CONTROL INTERFACE SHALL BE 2-WIRE; SQUARE D CLASS 9403 L, OR EQUIVALENT OF GENERAL ELECTRIC, CUTLER HAMMER, SIEMENS OR ASCO.

- ACCESSORIES: HAND-OFF-AUTO (HOA) SELECTOR SWITCH AUXILIARY CONTACTS (TWO FORM-C)

EXISTING FIRE ALARM SYSTEM MODIFICATIONS:

- PROVIDE THE FOLLOWING NEW EQUIPMENT, COMPATIBLE WITH, OR OF THE SAME MANUFACTURER AS, THE EXISTING FIRE ALARM CONTROL PANEL AND SYSTEM AT LOCATIONS INDICATED ON THE DRAWING, AS REQUIRED BY BUILDING CODES, THE LANDLORD, OR ALL THREE, AND CONNECT TO THE EXISTING FIRE ALARM CONTROL PANEL:

- ADDITIONAL INITIATING DEVICES, INDICATING APPLIANCES, AND INTERCONNECTING CIRCUITS
- ADDITIONAL ZONE MODULES REQUIRED BY NEW ZONING.
- NEW AMPLIFIERS AND OTHER EQUIPMENT THAT MAY BE REQUIRED TO INCORPORATE THE NEW INITIATING DEVICES AND INDICATING APPLIANCES INTO THE EXISTING SYSTEM.
- A NEW ZONE MAP, INCLUDING ALL EXISTING ZONES AND ALL NEW ZONES, FRAMED, MOUNTED UNDER GLASS, AND INSTALLED ADJACENT TO THE FIRE ALARM CONTROL PANEL. HORN/STROBES SHALL MEET ALL REQUIREMENTS OF THE AMERICANS WITH DISABILITIES ACT.

- INSTALL ALL WIRING IN RACEWAY.

- WHERE ACCEPTABLE TO THE AHJ, PLENUM RATED CABLES MAY BE USED ABOVE SUSPENDED ACCESSIBLE CEILINGS.

ELECTRICAL SYMBOLS LIST

NOTE: ALL MOUNTING HEIGHTS ARE TO CENTER LINE OF THE OUTLET BOX UNLESS OTHERWISE INDICATED.

SYMBOL	DESCRIPTION
	EXIT LIGHT - CEILING, WALL, WITH LIGHTS
	EMERGENCY BATTERY LIGHT - INTERIOR, EXTERIOR
	FIXTURE - 2'x4' LED TROFFER - CEILING "A" = FIXTURE TYPE, "g" = SWITCH, "B" = CIRCUIT
	FIXTURE - 2'x2' LED TROFFER - CEILING
	FIXTURE - 3" SQUARE RECESSED LED
	FIXTURE - 2'x4', 2'x2' - NIGHT-LIGHT OPERATION
	FIXTURE - 16" LED PENDANT/ 12" LED PENDANT
	FIXTURE - TRACK WITH TRACK HEADS - MONOPOINT
	FIXTURE - LED LINEAR
	SWITCH-SINGLE POLE, THREE WAY, SUBSCRIPT DENOTES OUTLET CONTROLLED, DIMMER, OCCUPANCY SENSOR, VAGANCY - M.H. 44" AFF
	OCCUPANCY SENSOR - AS SPECIFIED - CEILING MOUNTED
	PHOTOCELL (INTERIOR) FOR DAYLIGHT HARVESTING
	LIGHTING CONTACTOR - TIME CLOCK
	RECEPTACLE - 20A - 125 VOLTS DUPLEX, DOUBLE DUPLEX - M.H. 20" & OR OTHERWISE AS NOTED
	RECEPTACLE - 20A - 125 VOLTS DUPLEX, DOUBLE DUPLEX - M.H. +/- 44"
	RECEPTACLE - 20A - 125 VOLTS DUPLEX - FULLY CONTROLLED M.H. 20" & OR OTHERWISE AS NOTED
	RECEPTACLE - 20A - 125 VOLTS DUPLEX - CEILING MOUNTED
	RECESSED FLOOR BOX - DUPLEX RECEPTACLE
	RECEPTACLE - SPECIAL - NEMA CONFIGURATION AS NOTED
	RECESSED FLOOR BOX - TELEPHONE/DATA OUTLET
	COMMUNICATIONS OUTLET - COMBINATION TELEPHONE/DATA PROVIDE 1" C WITH FULLSTRING TO CEILING SPACE
	PANELBOARD 277/480 VOLTS - M.H. 6'-6" TO TOP
	PANELBOARD 120/208 VOLTS - M.H. 6'-6" TO TOP
	SPECIAL SYSTEMS CONTROL PANEL AS NOTED
	SAFETY DISCONNECT SWITCH
	FUSED DISCONNECT SWITCH
	DRY TYPE TRANSFORMER
	SWITCH - MOTOR RATED
	SWITCH - KEY
	JUNCTION BOX - WALL/FLOOR, CEILING
	MOTOR - SINGLE PHASE, HORSEPOWER AS NOTED
	MOTOR - THREE PHASE, HORSEPOWER AS NOTED
	COMBINATION STARTER/DISCONNECT SWITCH
	ELECTRIC HEATING ELEMENT
	DUCT DETECTOR
	SMOKE DETECTOR/SMOKE DETECTOR TEST STATION
	SECURITY CAMERA - CEILING
	DRAWING NOTE
	HOME RUN TO PANEL-LETTER AND NO. INDICATES CIRCUIT NUMBER. NO. OF CROSSLINES INDICATES NO. OF CONDUCTORS WHEN MORE THAN 3.
	CONDUIT - IN CEILING OR WALLS
	CONDUIT - IN OR UNDER FLOOR
	TELEVISION - COMBINATION RECEPTACLE / TV CABLE - WALL, CEILING
	PLUGMOLD
	SPEAKER - CEILING
	DOOR BELL CHIME
	FIRE ALARM DEVICE - VISUAL/AUDIBLE - WALL, CEILING
	FIRE ALARM DEVICE - AUDIBLE/HORN
	FIRE ALARM DEVICE - VISUAL - WALL
	FIRE ALARM DEVICE - VISUAL - CEILING
	FIRE ALARM DEVICE - VISUAL/PULLSTATION
	FIRE ALARM DEVICE - PULLSTATION
	CARD READER HD PROXPRO 5555
	SECURITY KEYPAD

RECEPTACLE/SWITCH/COVERPLATE FINISH COLORS	
WALL COLOR	FINISH COLOR
GRAY	SWITCH - GRAY COVERPLATE - GRAY
WHITE	SWITCH - WHITE COVERPLATE - WHITE
CEILING	MATCH SURROUNDING FINISH
NON-METALLIC FLOOR BOX	BLACK PLASTIC COVER PLATE

LIGHTING NOTES (CONTROLS):

- ALL OCCUPANCY SENSORS SHALL TIMEOUT AFTER A 10 (TEN) MINUTE TIME PERIOD.
- OCCUPANCY SENSORS SHALL BE CAPABLE OF MANUAL ON/AUTOMATIC OFF OPERATION.
- OCCUPANCY SENSORS SHALL BE POSITIONED AND ADJUSTED SO THAT SENSOR STATUS INDICATOR BLINKS WHEN ROOM IS OCCUPIED, AND ACTIVATES WHEN PERSON BREAKS THE PLANE OF THE DOORWAY.
- OCCUPANCY SENSORS SHALL NOT TURN LIGHTS ON WHEN PERSON PASSES AN OPEN DOORWAY.

LIGHTING SEQUENCE OF OPERATIONS:

- LIGHTING OVERRIDE (AFTER HOURS - HOUSEKEEPING - SALES AREA) FUNCTION SHALL BE CONTROLLED WITH SECURITY SYSTEM KEYPAD AND INTERLOCKED THROUGH LIGHTING CONTROL SYSTEM. SECURITY KEYPAD SHALL TURN ON LIGHTING WHEN DISARMED OR IN ALARM CONDITION AND OFF WHEN ARMED.
- SWITCHED RECEPTACLES (FURNITURE FIXTURES), SHALL BE CONTROLLED THROUGH TIMECLOCK FOR 1 (ONE) HOUR ON BEFORE STORE OPENING, AND OFF 1 (ONE) HOUR AFTER STORE CLOSING. SWITCHED RECEPTACLES - DEFINED AS FURNITURE / CABINETS REQUIRING SWITCHED RECEPTACLE POWER FOR INTEGRAL UNIT LIGHTING (WALL GASES ETC).
- GENERAL LIGHTING (SALES AREA), SHALL BE CONTROLLED THROUGH TIMECLOCK SWITCH AND INTERLOCKED WITH MSE SECURITY SYSTEM TO TURN ON WHEN DISARMED OR IN ALARM CONDITION AND OFF WHEN SECURITY SYSTEM IS ARMED. GENERAL LIGHTING - DEFINED AS GENERAL HANGING PENDANT LIGHTING IN SALES AREA.
- DISPLAY / TRACK (SALES AREA), SHALL BE CONTROLLED TIMECLOCK, SWITCH FOR 1 (ONE) HOUR ON BEFORE STORE OPENING, AND OFF 1 (ONE) HOUR AFTER STORE CLOSING. DISPLAY / TRACK LIGHTING - DEFINED AS ADJUSTABLE ACCENT AND SURFACE MOUNTED TRACK LIGHTING IN SALES AREA.
- EXTERIOR SIGN LIGHTING, SHALL BE CONTROLLED THROUGH TIMECLOCK PER FACILITIES MANAGER. SCHEME SHALL BE SIMILAR TO ON FROM 4:00PM TO 7:00PM. EMS=PRIMARY CONTROL, PHOTOCELL=SECONDARY CONTROL. EXTERIOR SIGN LIGHTING - DEFINED AS EXTERIOR SIGNS, EXTERIOR FACING LIGHT WINDOW BOXES.
- EXTERIOR SITE LIGHTING (PARKING LOT), SHALL BE CONTROLLED THROUGH TIMECLOCK PER FACILITIES MANAGER. SCHEME SHALL BE SIMILAR TO ON FROM 4:00PM TO 7:00PM. EMS=PRIMARY CONTROL, PHOTOCELL=SECONDARY CONTROL. EXTERIOR LIGHTING - DEFINED AS EXTERIOR BUILDING WALL MOUNTED AND PARKING LOT LIGHTING.
- ANY AND ALL BACK OF HOUSE LIGHTING (BOH) FIXTURES SHALL BE CONTROLLED BY WALL OR CEILING MOUNTED OCCUPANCY SENSORS BACK OF HOUSE - DEFINED AS OFFICES, BREAK AREA, INVENTORY, HALL, BATHROOMS, WORK AREA, ETC.

ABBREVIATIONS

GRD	- GROUND	DN6	- DRAWING
M.H.	- MOUNTING HEIGHT	C, CDT	- CONDUIT
AFF	- ABOVE FINISHED FLOOR	T	- TRANSFORMER
GFI	- GROUND FAULT INTERRUPTER	NL	- NIGHT LIGHT
IG	- ISOLATED GROUND	LTS	- LIGHTS
TYP	- TYPICAL	RECP	- RECEPTACLE
S.O.W.	- SCOPE OF WORK	CLG	- CEILING
V.I.F.	- VERIFY IN FIELD	N.I.C.	- NOT IN CONTRACT
MFR	- MANUFACTURER		
AHJ	- AGENCY (AUTHORITY) HAVING JURISDICTION		
LCP	- LIGHTING CONTROL PANEL		
NRTL	- NATIONALLY RECOGNIZED TESTING LABORATORY		

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PROJECT NUMBER	22152E	
DRAWN BY	CBH	
ISSUED DATE	12/20/2022	
NO.	REVISION	DATE

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SHEET TITLE

Specifications & Electrical Symbols List

SHEET NUMBER

90.02

PHASE

Permit Documents



① DEMOLITION LIGHTING PLAN

THIS PROJECT INCLUDES PHASED CONSTRUCTION. REFER TO ARCHITECTURAL PHASING DESIGN PLANS AND COORDINATE ALL WORK WITH VERIZON WIRELESS PROJECT MANAGER IN THE FIELD.

GENERAL NOTES:

1. LIGHT FIXTURES INDICATED SHALL BE REMOVED BY G.C. SEE SHEET 92.01 FOR NEW LIGHTING PLAN.
2. CONTRACTOR TO SURVEY ALL ELECTRICAL CIRCUITS AND OUTLETS PRIOR TO RE-CIRCUITING. CIRCUITS WITH EXISTING DEVICES TO REMAIN SHALL BE LEFT IN PLACE. USE SPARE CIRCUITS OR SPACES IN PANELBOARD FOR NEW CIRCUITS. BALANCE LOADS IN PANELBOARD AS NECESSARY.
3. CONTRACTOR SHALL SURVEY PANELBOARDS AND TEST CIRCUITS ACCORDING TO PHASING PLAN. DISCONNECT CIRCUITS FOR EQUIPMENT TO BE REMOVED AFTER EQUIPMENT REMOVAL.
4. EXISTING CIRCUITS TO REMAIN SHALL BE TESTED AND WIRING REPLACED IF NECESSARY.
5. CONTRACTOR SHALL COORDINATE W/SECURITY VENDOR FOR REMOVAL, RELOCATION AND INSTALLATION OF ALL SECURITY SYSTEM DEVICES AND EQUIPMENT. SEE SHEET 92.01 FOR NEW SECURITY DEVICE LAYOUT.
6. CONTRACTOR SHALL REMOVE ALL UNUSED CONDUIT, WIRING, FIXTURES, ETC. AND DISCARD OFFSITE. ABANDONED ITEMS LEFT ABOVE CEILING/ONSITE SHALL NOT BE ACCEPTABLE.

DRAWING NOTES

- ① ALL LIGHTING FIXTURES THAT ARE EXISTING TO REMAIN ARE SHOWN LIGHT, SOLID. ALL LIGHTING FIXTURES, OUTLETS AND COMMUNICATION DEVICES TO BE REMOVED ARE SHOWN HEAVY, DASHED.
- ② REMOVE EXISTING LIGHTING FIXTURE AND ALL ASSOCIATED WIRING BACK TO SOURCE.
- ③ REMOVE EXISTING LIGHT SWITCH AND ALL ASSOCIATED WIRING BACK TO SOURCE. CONTRACTOR SHALL REWORK LIGHTING CIRCUIT IF NEEDED IN NEW WORK PHASE.
- ④ REMOVE EXISTING EMERGENCY EXIT SIGN AND ALL ASSOCIATED WIRING BACK TO SOURCE.
- ⑤ IN SALES AREA, REMOVE EXISTING SECURITY DEVICES AND ALL ASSOCIATED WIRING BACK TO SOURCE. EXISTING SECURITY DEVICES WITHIN RECONFIGURED BACK OF HOUSE AREAS SHALL BE REMOVED, RELOCATED AND/OR REPLACED DEPENDING ON SCOPE. CONTRACTOR SHALL COORDINATE WITH VERIZON PROJECT MANAGER AND SECURITY VENDOR REGARDING NEW SECURITY REQUIREMENTS.
- ⑥ REMOVE EXISTING CEILING RECESSED SPEAKERS AND ALL ASSOCIATED WIRING BACK TO SOURCE.
- ⑦ REMOVE EXISTING WIRELESS ACCESS POINTS AND ALL ASSOCIATED WIRING BACK TO SOURCE.
- ⑧ VERIZON EXTERIOR SIGNAGE TO REMAIN.
- ⑨ EXISTING LIGHT SWITCH TO REMAIN. CONTRACTOR SHALL VERIFY/CONFIRM USE IN NEW WORK PHASE. IF NOT NEEDED CONTRACTOR SHALL REMOVE.
- ⑩ EXISTING EXTERIOR LIGHT FIXTURE TO REMAIN.
- ⑪ EXISTING LIGHT SWITCH TO BE REMOVED AND RELOCATED IN NEW WORK PHASE. SEE SHEET 92.01 FOR ADDITIONAL INFORMATION.

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PROJECT NUMBER 22152E
 DRAWN BY CBH
 ISSUED DATE 12/20/2022

NO. REVISION DATE

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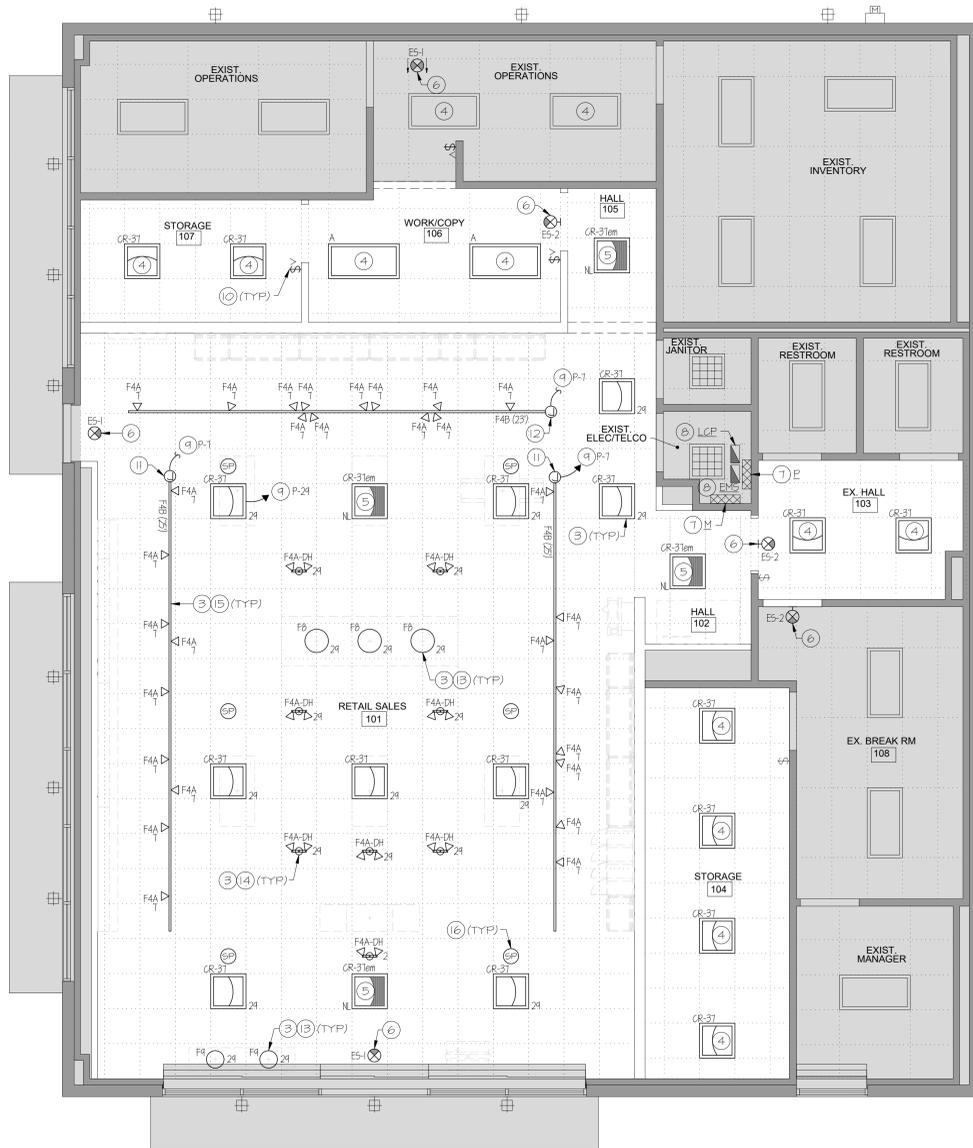
SHEET TITLE
Demolition
Lighting Plan

SHEET NUMBER

91.01

PHASE
Permit Documents





120 LIGHTING PLAN
 SCALE: 1/4" = 1'-0"

THIS PROJECT INCLUDES PHASED CONSTRUCTION. REFER TO ARCHITECTURAL PHASING DESIGN PLANS AND COORDINATE ALL WORK WITH VERIZON WIRELESS PROJECT MANAGER IN THE FIELD.

GENERAL NOTES:

1. CONTRACTOR SHALL PROVIDE LOCKING TYPE BREAKERS ON ALL EMERGENCY BACK-UP/NIGHT LIGHT LIGHTING FIXTURES AND EXIT CIRCUITS.
2. CONNECT ALL EXIT LIGHTS AND NIGHT LIGHTS TO UNSWITCHED CIRCUIT INDICATED.
3. ALL EMERGENCY EGRESS LIGHTS (BATTERY PACKS) SHALL BE CONNECTED TO THE UNSWITCHED LIGHTING CIRCUIT SERVING AREA. EGRESS ILLUMINATION SHALL BE NOT LESS THAN 1 FOOTCANDLE (1 LUX) AT THE WALKING SURFACE.
4. REFER TO OCCUPANCY SENSOR WIRING DIAGRAM FOR SENSOR MODELS & WIRING DETAILS.
5. REFER TO ARCHITECTURAL DRAWINGS (REFLECTED CEILING PLAN AND FURNITURE PLAN) FOR FINAL EQUIPMENT (FURNITURE FIXTURE) LOCATIONS.
6. REFER TO LIGHTING CONTROL SYSTEM SCHEMATIC DIAGRAM.
7. PHOTOCELL (OSA SENSOR) IS PROVIDED WITH ENERGY MANAGEMENT SYSTEM (EMS) AND PROPOSED TO BE MOUNTED TO ROOF TOP UNIT.

DRAWING NOTES

1. ALL LIGHTING FIXTURES THAT ARE EXISTING TO REMAIN ARE SHOWN LIGHT SOLID. ALL NEW LIGHTING FIXTURES ARE SHOWN BOLD, SOLID.
2. CONTRACTOR SHALL COORDINATE LOCATION OF LIGHTING FIXTURES WITH ALL OTHER TRADES (HVAC, PLUMBING, SPRINKLER, ETC.).
3. PROVIDE AND INSTALL NEW LIGHT FIXTURE. REFER TO LIGHT FIXTURE SCHEDULE, SHEET 94.01, FOR ADDITIONAL INFORMATION.
4. CONNECT NEW/EXISTING LIGHT FIXTURES IN THIS AREA TO CIRCUIT INDICATED OR TO EXISTING 120V LIGHTING CIRCUIT PREVIOUSLY SERVING LIGHT FIXTURES REMOVED DURING DEMOLITION PHASE. CONTRACTOR SHALL REWIRE LIGHT FIXTURES IN THIS AREA, AS REQUIRED, TO ACHIEVE NEW SWITCHING SCHEME AS INDICATED.
5. EXTEND AND CONNECT 2#12-#126RD-3/4" C TO UNSWITCHED PORTION OF LIGHTING CIRCUIT SERVING AREA FOR "NIGHT LIGHT" AND OR EMERGENCY OPERATION (DESIGNATED BY "NL"). CONTRACTOR SHALL CONNECT TO EXISTING CIRCUIT SERVING EMERGENCY FIXTURES.
6. PROVIDE AND INSTALL NEW EMERGENCY EXIT SIGN. EXTEND BRANCH CIRCUIT WIRING TO EXISTING UNSWITCHED EMERGENCY LIGHTING CIRCUIT SERVING AREA.
7. PANELBOARD. REFER TO PANEL SCHEDULES ON SHEET 94.01 FOR ADDITIONAL INFORMATION.
8. EXISTING ENERGY MANAGEMENT SYSTEM.
9. EXTEND LIGHT CIRCUITS INDICATED VIA EXISTING LIGHTING CONTROLS. REFER TO THE CONTRACTOR SCHEDULE ON SHEET 94.01.
10. PROVIDE HALL MOUNTED (SINGLE POLE, DIMMER, DUAL TECHNOLOGY, VACANCY OCCUPANCY SENSOR) SWITCH AS INDICATED. EXTEND WIRING AS REQUIRED TO CONTROL LIGHTING FIXTURES WITHIN DESIGNATED SPACE AND OR AS INDICATED WITH SUBSCRIPTS ("a", "b", "c", "d", "e", "f", ETC.). SWITCH MOUNTING HEIGHT SHALL COMPLY WITH ADA MOUNTING HEIGHT. COORDINATE FINAL LOCATION WITH ARCHITECT AND OWNER'S REPRESENTATIVE PRIOR TO ROUGH-IN.
11. EXTEND BRANCH CIRCUIT WIRING VIA TRACK LIGHTING 120 VOLT CURRENT LIMITING DEVICE (TYP EACH RUN OF TRACK). DEVICE SHALL LIMIT EACH TRACK TO 180W MAX (JUNO LIGHTING TRAC-MASTER SERIES TLG2 OR APPROVED EQUAL). PROVIDE ALL TRACK ACCESSORIES FOR FULLY FUNCTIONAL SYSTEM AS REQUIRED.
12. EXTEND BRANCH CIRCUIT WIRING VIA TRACK LIGHTING 120 VOLT CURRENT LIMITING DEVICE (TYP EACH RUN OF TRACK). DEVICE SHALL LIMIT EACH TRACK TO 240W MAX (JUNO LIGHTING TRAC-MASTER SERIES TLG2 OR APPROVED EQUAL). PROVIDE ALL TRACK ACCESSORIES FOR FULLY FUNCTIONAL SYSTEM AS REQUIRED.
13. BOTTOM OF SUSPENDED CORD PENDANTS 5'-5" A.F.F. POWER CORD COMES IN 6'-10". ARCHITECT ON RECORD TO VERIFY DROP HEIGHT DOES NOT EXCEED CORD LENGTH.
14. DUAL HEAD MONO POINT LED LIGHT CONNECTION AT 10'-11" A.F.F. (VERIFY IN FIELD). SEE LIGHTING DETAILS SHEET 43.03 FOR ADDITIONAL INFORMATION.
15. BOTTOM OF TRACK LIGHTING CONNECTION AT 10'-11" A.F.F. (VERIFY IN FIELD). SEE LIGHTING DETAILS SHEET 43.03 FOR ADDITIONAL INFORMATION.
16. PROPOSED FLUSH MOUNT SPEAKER FOR IN-STORE MUSIC (PROVIDED BY VERIZON AND INSTALLED BY GENERAL CONTRACTOR). REFER TO ARCHITECTURAL RCP PLAN FOR FINAL PROPOSED LOCATIONS. CONTRACTOR SHALL RECONNECT SPEAKER TO EXISTING AUDIO SOURCE.
17. NOTE: ALL LIGHT FIXTURES SHALL BE AIMED/CONFIGURED AT THE COMPLETION OF PROJECT TO MEET VERIZON LIGHTING GUIDELINES. SEE LIGHTING DETAILS SHEET FOR ADDITIONAL INFORMATION.

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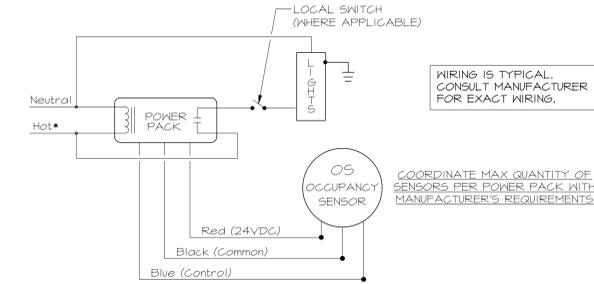
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 SHEET TITLE

Lighting Plan

SHEET NUMBER

92.01

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OCCUPANCY SENSOR WIRING DIAGRAM
 NO SCALE



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SHEET TITLE

Low Voltage Plan

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92.03

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SECURITY & DATA DEVICE NOTES

- ALL CAMERAS ARE EXISTING AND TO BE RELOCATED.
- CAMERA VIEWS WILL NEED TO BE VERIFIED WITH VERIZON SECURITY MONITORING LAB. ADDITIONAL CAMERA MAY BE REQUIRED.
- ALL CAMERAS ARE TO BE TESTED. ANY CAMERA NOT WORKING WILL BE REPAIRED OR REPLACED FOR A FULL AND OPERATIONAL SYSTEM.
- ALL MOTION DETECTORS ARE EXISTING AND TO BE RELOCATED.
- ALL OTHER SECURITY DEVICES INCLUDING BUT NOT LIMITED TO PANIC BUTTONS, DOOR CONTACTS, AND MOTION DETECTORS ARE TO BE TESTED. ANY DEVICE NOT WORKING WILL BE REPAIRED OR REPLACED FOR A FULL AND OPERATIONAL SYSTEM.
- ALL CARD READERS AND DOOR HARDWARE IS TO BE TESTED. ANY CARD READER OR DOOR HARDWARE DEVICE NOT WORKING WILL BE REPAIRED OR REPLACED FOR A FULL OPERATIONAL SYSTEM.
- ALL SPEAKERS ARE TO BE TESTED AND ANY DEVICE NOT WORKING IS TO BE REPAIRED OR REPLACED.
- ALL WIFI ACCESS POINTS ARE EXISTING AND TO BE RELOCATED.
- ALL WIFI ACCESS POINTS ARE TO BE TESTED AND ANY ACCESS POINTS NOT WORKING WILL BE REPAIRED OR REPLACED.
- CUSTOMER TRACKER AT FRONT DOOR IS TO BE REMOVED AT TIME OF DEMO AND RE-INSTALLED WHEN REFRESH IS COMPLETE.
- ALL 56/FEMTO QUESTIONS AND COORDINATION SHALL BE DIRECTED TO GRE/RDC PM AND OVER TO VERIZON OPERATIONS. OPERATIONS SHALL CONTACT THE REGIONAL NETWORK ASSURANCE TEAM WHO WILL BE RESPONSIBLE FOR 56/FEMTO SCOPE OF WORK.

CABLE INSTALLATION & TERMINATION RESPONSIBILITIES

- VERIFY LOCAL CODE FOR CABLE - FLEMUM OR NON FLEMUM
- WORK WITH MANUFACTURERS FOR PROPER INSTALLATION PROCEDURES
- ADHERE TO IEEE CABLE INSTALLATION PRACTICES
- PROVIDE WORKMANSHIP PICTURES TO VZ PM
- ALL DROPS SHALL BE RUN WITH CAT-6 AND BE NEATLY DRESSED
- TEST ALL CABLE FROM JACK TO PATCH PANEL USING HAND-HELD TESTER THAT MEETS OR EXCEEDS TIA 1152 LEVEL III STANDARD
- PROVIDE TEST RESULTS IN ELECTRONIC FORM TO VZ
- LABEL PATCH PANEL PORTS AND JACKS WITH APPROPRIATE DESIGNATIONS, IN NUMERICAL ORDER, STARTING WITH D1 FOR STANDARD DATA AND C1 FOR CAMERAS
- IF REQUIRED - LOW VOLTAGE PERMITS ARE THE RESPONSIBILITY OF THE CABLING INSTALLER
- SUPPLY AND INSTALL RACK, PATCH PANELS AND CABLE MANAGEMENT AS PER SPECIFICATIONS
- TERMINATE ALL JACKS USING 568B PIN OUT
- DATA FACEPLATES SHALL MATCH PAINT AND/OR NEARBY ELECTRICAL FACEPLATES IN COLOR
- ALL CABLE MUST BE TAGGED WITH CLEAN, EASY TO READ TAGS - SECURITY CABLE TAGS MUST MATCH SECURITY DEVICE NUMBERS LISTED ON SECURITY FLOOR PLAN - CAMERA CABLE TAG NUMBERS ARE C1 THROUGH C49 - DATA TAG NUMBERS ARE D1 THROUGH D48 (FIRST SWITCH) AND D49 THROUGH D96 (SECOND SWITCH)
- ALL UNUSED/DEMOLISHED CABLE IS TO BE REMOVED, INCLUDING BUT NOT LIMITED TO CABLES IN THE IT RACK.

NOTES

- NIC AREA(S) - EXISTING SECURITY DEVICES AND CABLE TO REMAIN.
- CONTRACTOR TO PROVIDE SEPARATE LINE ITEM FOR ANY NEW CABLE AND/OR DEVICE INCLUDING BUT NOT LIMITED TO BACK OF HOUSE LOW VOLTAGE SCOPE OF WORK
- SEE ARCHITECTURAL DRAWINGS/REFLECTED CEILING PLAN FOR ITEMS LOCATED IN ACT CEILINGS
- ALL FRONT OF HOUSE CEILING MOUNTED EQUIPMENT TO BE CENTERED IN THE TILE
- CONTRACTOR TO VERIFY CARD READER LOCATIONS. CONTRACTOR SHALL PROVIDE AND INSTALL LOW VOLTAGE CABLE FOR ALL NEW LOCATIONS AND VERIFY CONDITION OF CABLE FOR EXISTING.

NOTE: REFER TO SHEET 93.04 FOR SECURITY EQUIPMENT SCHEDULES AND RESPONSIBILITY MATRIX.

NOTE: REFER TO SHEETS 93.05, 93.06 AND 93.07 FOR SECURITY EQUIPMENT DETAILS AND INSTALLATION.

NOTE: SECURITY SYSTEM DRAWINGS ARE PROVIDED FOR REFERENCE ONLY. ELECTRICAL CONTRACTOR SHALL REVIEW DRAWINGS AND INSTALL ALL CONDUIT, RACEWAYS, HANGERS, SUPPORTS, PULLSTRINGS, ETC. FOR INSTALLATION OF ALL SECURITY DEVICES AND ASSOCIATED WIRING BY OTHERS.

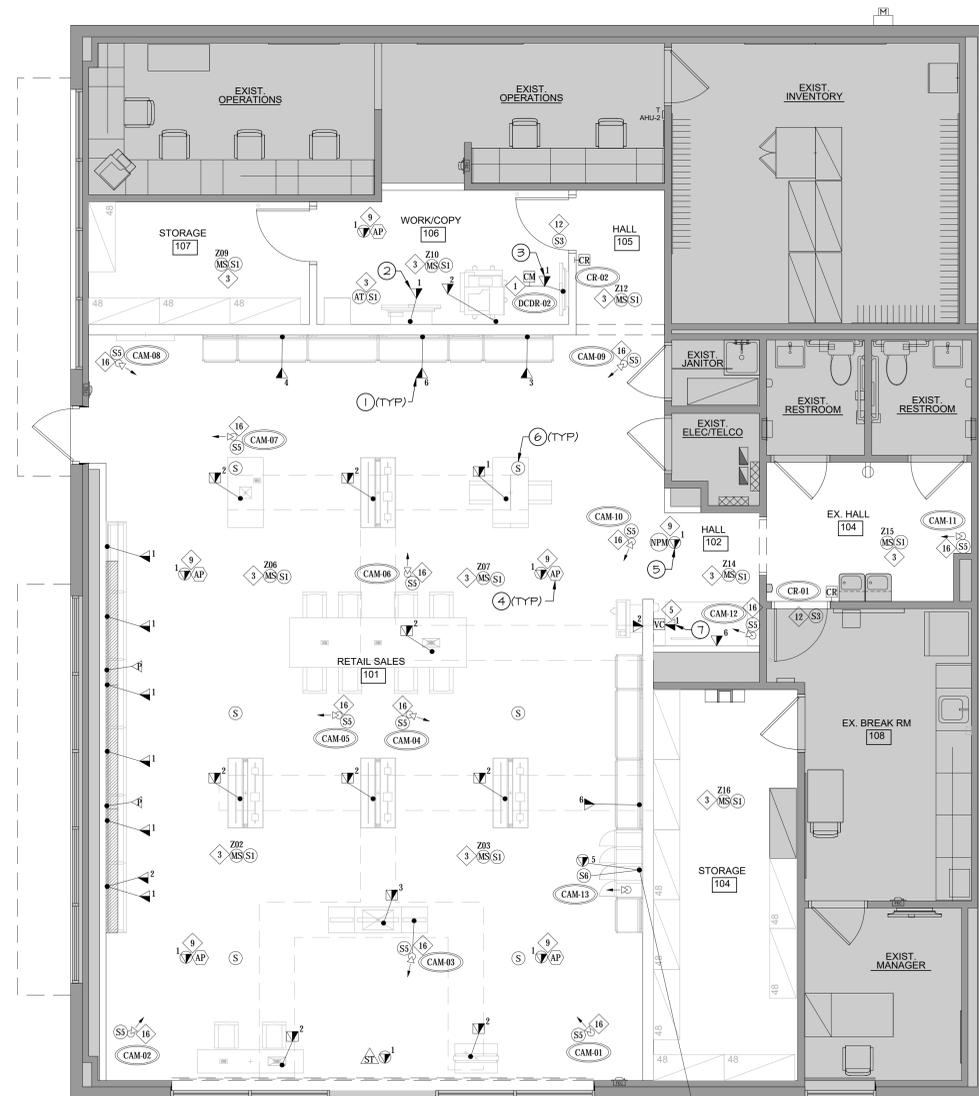
NOTE: MUSIC SYSTEM WILL BE INSTALLED BY LOW VOLTAGE CONTRACTOR. ELECTRICAL CONTRACTOR SHALL PROVIDE A CONDUIT AND JUNCTION BOX FOR THE VOLUME CONTROL.

NOTE: SPEAKER WIRE SHOULD BE PULLED IN ITS OWN HARD-PIPE CONDUIT. SPEAKER WIRE SHOULD NOT BE PULLED INTO SAME HARD-PIPE CONDUIT AS DATA, ELECTRICAL OR LIFE SAFETY.

LOW VOLTAGE CABLE SCOPE OF WORK

GENERAL CONTRACTOR SCOPE OF WORK:
 GENERAL CONTRACTOR SHALL FURNISH AND INSTALL ALL LOW VOLTAGE CABLE INCLUDING BUT NOT LIMITED TO CAT-6 FOR DATA AND THE SPECIFIED CABLES FOR SECURITY DEVICES. ALL CABLES ARE TO BE SUPPORTED BY THEIR OWN HARDWARE. CABLE IS NOT TO BE STRAPPED TO ANY CONDUITS. GENERAL CONTRACTOR IS RESPONSIBLE TO FOLLOW ALL LOCAL CODES FOR LOW VOLTAGE CABLE AND PROVIDE CONDUIT WHERE NECESSARY. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATION OF ALL DATA CABLES AT BOTH ENDS. ALL CABLES ARE TO BE TAGGED AT EACH END FOR EASY IDENTIFICATION. THESE TAGS SHALL BE TYPED OR NEATLY WRITTEN WITH SELF LAMINATING TAGS. SERVICE LOOP FOR ALL CABLE TERMINATING IN THE TELCO ROOM SHALL BE MINIMUM OF 10FT. SERVICE LOOPS AT END DEVICES MUST BE AT LEAST 1FT AND PROTECTED FROM DAMAGE UNTIL THE FINAL DEVICES CAN BE TERMINATED AND INSTALLED. ALL CABLE SHALL BE INSTALLED MINIMUM 4 WEEKS BEFORE ESTIMATED DATE OF OPENING.

SECURITY CONTRACTOR SCOPE OF WORK:
 SECURITY CONTRACTOR SHALL REVIEW ALL INSTALLED CABLE MINIMUM 4 WEEKS BEFORE ESTIMATED DATE OF OPENING AND NOTIFY THE GENERAL CONTRACTOR OF ANY DISCREPANCIES. SECURITY CONTRACTOR SHALL FURNISH AND INSTALL ALL CUSTOM MOUNTING HARDWARE FOR SECURITY DEVICES INCLUDING BUT NOT LIMITED TO CAMERA MOUNTS. ANY CUSTOM MOUNTING HARDWARE NEEDED FOR ROUGH IN WILL BE PROVIDED TO THE GENERAL CONTRACTOR. SECURITY CONTRACTOR SHALL BE RESPONSIBLE FOR ALL FINAL CONNECTIONS OF SECURITY DEVICES. SECURITY CONTRACTOR SHALL VERIFY ALL FINAL CAMERA VIEWS WITH VERIZON SECURITY COMMAND CENTER WHILE ON SITE.



LOW VOLTAGE PLAN
 SCALE: 1/4" = 1'-0"

LOCKER DATA CABLE NOTE:
 SEA CAT 9 TERMINATED TO BISCUIT JACKS IN THE BASE OF THE LOCKER. LEAVE 3FT WHIP. THESE CABLES ARE TO BE LABELED LKR1, LKR2, LKR3, LKR4, LKR5. BISCUIT BOX IS TO BE LABELED WITH LKR NUMBER AND SWITCH & PORT NUMBER.

1EA 6 COND. 18GA OAS - PROVIDE 6FT LOOP AT BOTTOM OF CABINET

GENERAL NOTES:

- ALL SECURITY DEVICE LOCATIONS ARE DIAGRAMMATICAL ONLY. REFER TO SECURITY CONSULTANT PLANS AND COORDINATE WITH SECURITY CONSULTANT FOR EXACT LOCATIONS AND CONDUIT ROUTING PRIOR TO ROUGH-IN.
- PROVIDE BACK BOX SPECIFIC TO CAMERA MODEL AND 3/4" CONDUIT TO CAMERA ROUGH-IN LOCATIONS FROM TELCO ROOM. CAMERA HEIGHT TO MATCH TRACK LIGHTING.
- VERIFY ALL ROUGH-IN LOCATIONS WITH IT/SECURITY CONSULTANT PRIOR TO INSTALLATION.
- REFER TO SHEET 92.02 FOR CORRESPONDING POWER LOCATIONS.

DRAWING NOTES

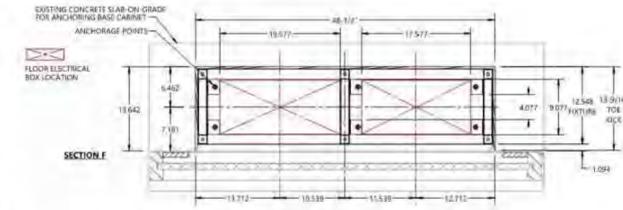
- PROVIDE RECESSED JUNCTION BOX FOR DATA COMMUNICATIONS (CABLING BY VENDOR). EXTEND 1" FROM BOX TO 6" ABOVE CEILING.
- PROVIDE DATA @ 64" A.F.F. FOR SMART BOARD.
- DATA FOR SECURITY MONITOR TO BE MOUNTED @ 84" A.F.F. COORDINATE LOCATION WITH SECURITY CONSULTANT.
- PROPOSED LOCATION OF CEILING MOUNTED WIRELESS NETWORK PERFORMANCE MONITOR (NPOINT 5000 WIFI MONITOR), BY OTHERS. COORDINATE ALL REQUIREMENTS WITH VERIZON CFM.
- PROPOSED LOCATION OF CEILING MOUNTED SPEAKER. COORDINATE ALL REQUIREMENTS WITH VERIZON CFM.
- PROPOSED LOCATION OF VOLUME CONTROL FOR MUSIC SYSTEM. COORDINATE WITH VERIZON PROJECT MANAGER.
- CONTRACTOR SHALL REFER TO SECURITY DETAILS SHEET 93.05 AND 93.06 FOR IN WALL AND ABOVE CEILING CONDUIT INSTALLATION WORK.
- CONTRACTOR SHALL REFER TO OVERHEAD AUDIO, SHEET 93.07 FOR FLUSH MOUNT (CLOSED CEILING) AND PENDANT (OPEN CEILING) INSTALLATION WORK.
- NOTE: REFER TO ARCHITECTURAL DRAWINGS AND ELECTRICAL DETAIL SHEETS FOR MOUNTING LOCATIONS/DIMENSIONS OF FLOOR BOXES AND WALL MOUNTED DATA DEVICES.

0 1 2 3 4 8 12
 SCALE: 1/4" = 1'-0"

Locker power and data requirements



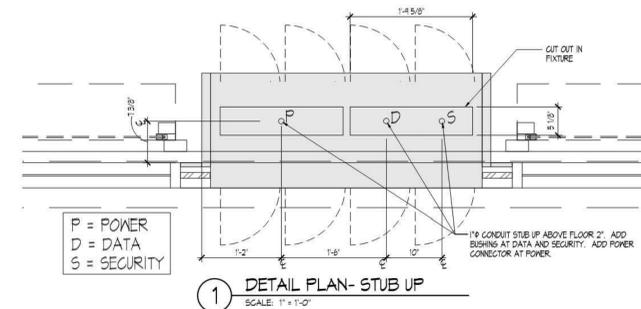
- General contractor to cut or trench slab as required for new conduits
- Cables provided, pulled, and terminated on both ends by the general contractor
- Wiring to be run through (3) 1" dia conduits from IT room to floor location coordinated with the fixture vendor and Verizon PM
- Due to the center structural bar at the bottom of the lockers, the power and data boxes should not be centered in the locker space.
- The general contractor will supply and install the following:
For IT, and cameras:
(1) 1" dia conduit for (5) cat-6 cables. Terminated to surface mount type data jack within the base cabinet of the locker, and terminate in the telco room to patch panels and provide labels
For additional security requirements in the future:
(1) 1" dia conduit for (1) 6-conductor 18 ga oas (tracker). Coil 6" of cable into bottom of lockers for future use. This cable is not to be terminated unless otherwise advised
For power:
(1) 1" dia conduit and wire for a dedicated circuit and Quad outlet in the base cabinet of the locker. See shop drawings for placement of boxes.



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L-INT - INTERIOR LOCKER - POWER/DATA/SECURTY REQUIREMENTS



L-247 STOREFRONT LOCKERS - POWER/DATA/SECURTY REQUIREMENTS

For the locker projects- Electrical Revision

Option for stub-up feeds to lockers
Follow drawings for locations and details.

For Data:
Install 5- CAT6 wires.
Punch the ends down on the rack patch panel and label them as follows
LKR1
LKR2
LKR3
LKR4
LKR5

Add biscuit jack at the other end, under locker, and label it with the same label.
For example: LKR1 in the patch panel is labeled LKR1 under the lockers.

Provide 3 foot loop under lockers with biscuits.

For security:
Provide 6 conductor 18ga OAS wire.
Provide 15 foot loop in telco room over the security panel and 6 foot loop under locker
No termination is required.

For Power:
Provide a 3 foot long wire whip to be hardwired to junction box in locker fixture.

Above ceiling conduit to the Telco room is not required, the above ceiling can utilize free wire cable to the Telco room from the stub-ups, when permitted by code.

INTERIOR LOCKER - POWER/DATA/SECURTY REQUIREMENTS

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PROJECT NAME

Verizon
Lake City
NextGen Refresh
2750 W US Hwy. 90
Lake City, FL 32055

PROJECT NUMBER	22152E	
DRAWN BY	CBH	
ISSUED DATE	12/20/2022	
NO.	REVISION	DATE

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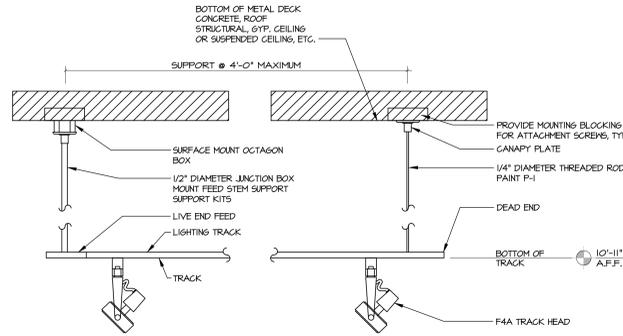
SHEET TITLE

Interior Locker
Details

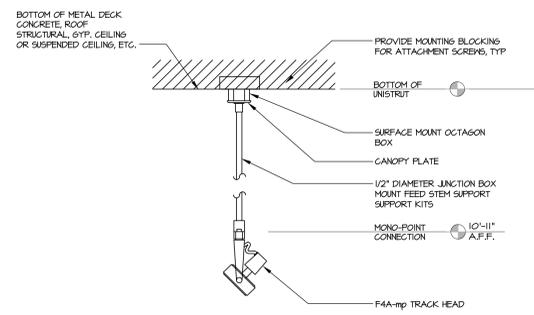
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92.04

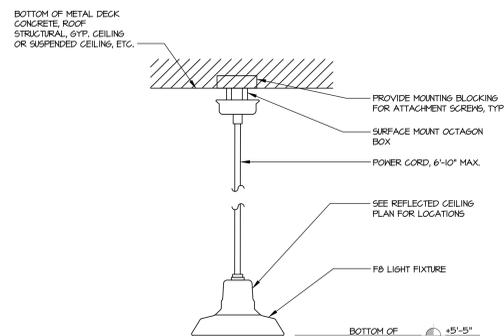
PHASE
Permit Documents



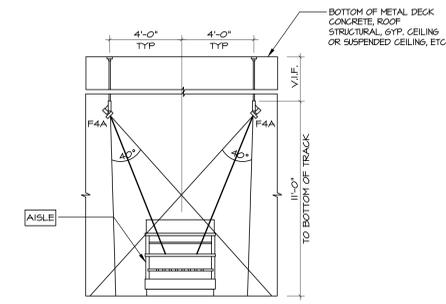
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 TYPICAL TRACK LIGHTING HANGING DETAIL
 N.T.S.



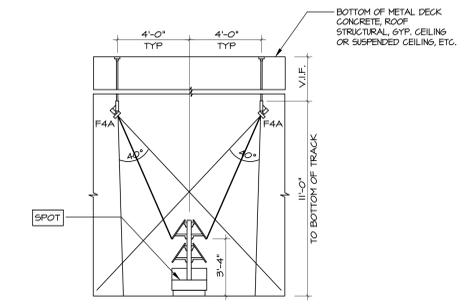
3B
 TYPICAL MONO-POINT HANGING DETAIL
 N.T.S.



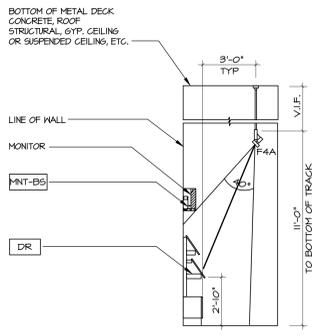
4B
 TYPICAL PENDANT LIGHT HANGING DETAIL
 N.T.S.



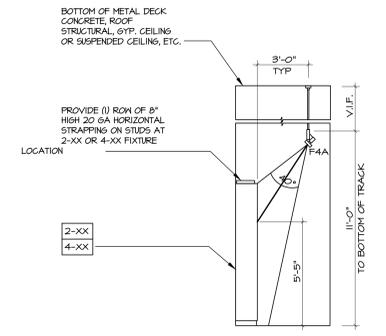
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 DIRECTIONAL LIGHTING DIAGRAM FOR AISLE
 N.T.S.



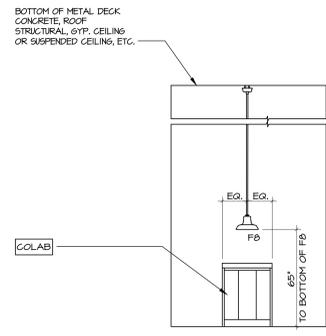
6
 DIRECTIONAL LIGHTING DIAGRAM FOR SPOT
 N.T.S.



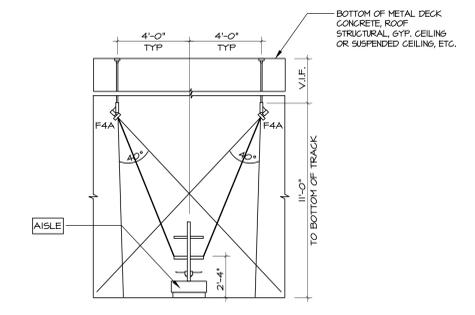
7
 DIRECTIONAL LIGHTING DIAGRAM FOR DR FIXTURE
 N.T.S.



8
 LIGHTING DIAGRAM FOR FIXTURES AS-XX
 N.T.S.



9
 PENDANT LIGHT FB POSITION DIAGRAM FOR COLAB
 N.T.S.



10
 DIRECTIONAL LIGHTING DIAGRAM FOR AISLE
 N.T.S.

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 2B1-FAC
 Alpharetta, Georgia 30004

PROJECT NAME
Verizon[®]
Lake City
NextGen Refresh
 2750 W US Hwy. 90
 Lake City, FL 32055

PROJECT NUMBER	22152E	
DRAWN BY	CBH	
ISSUED DATE	12/20/2022	
NO.	REVISION	DATE

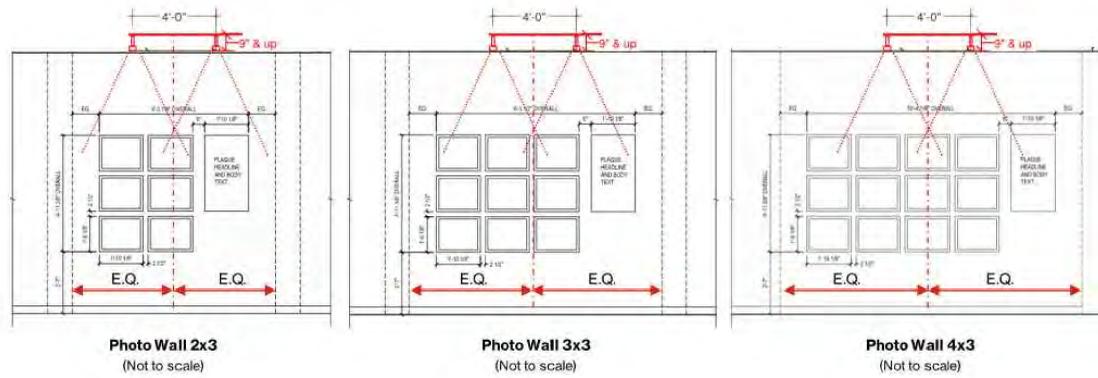
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SHEET TITLE
Lighting Details

SHEET NUMBER

93.02

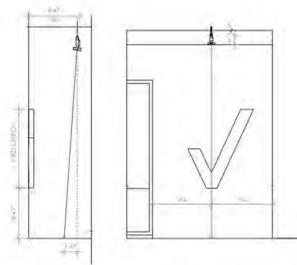
PHASE
Permit Documents



11 LIGHTING - PHOTO WALL
 N.T.S.

Branded environment design guide | Next Gen Corporate | Lighting | In-store graphics
Lighting | Red Check

Illuminate Red Check with dedicated track head. Center the track head with the Red Check as much as possible and aim it at the floor as shown in the diagram. Avoid aiming the track head directly at the Red Check to prevent a hot spot and sharp shadows.

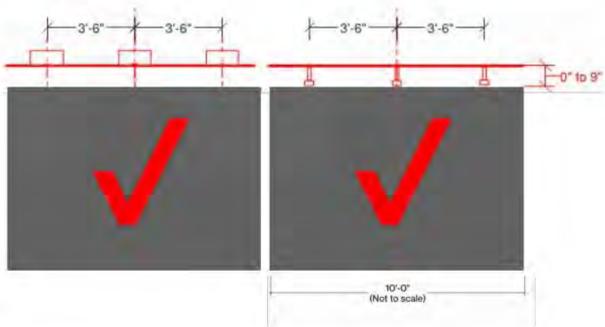


13 LIGHTING - INTERIOR RED CHECK
 N.T.S.

Branded environment design guide | Next Gen Corporate | Lighting | Alcoves
Lighting | Facing solutions

Branding elements within Storefront or window areas should be illuminated from the ceiling as permitted by code.

- If the storefront or window ceiling is less than 9" above the top of clear glazing area, install recessed light fixtures, centered and spaced at +/- 42" O.C.
- If the storefront or window ceiling is greater than 9" above the top of clear glazing area, use track lighting centered and spaced at +/- 42" O.C.
- Install the light fixtures as close to the glazing as possible, and aim toward the alcove wall.

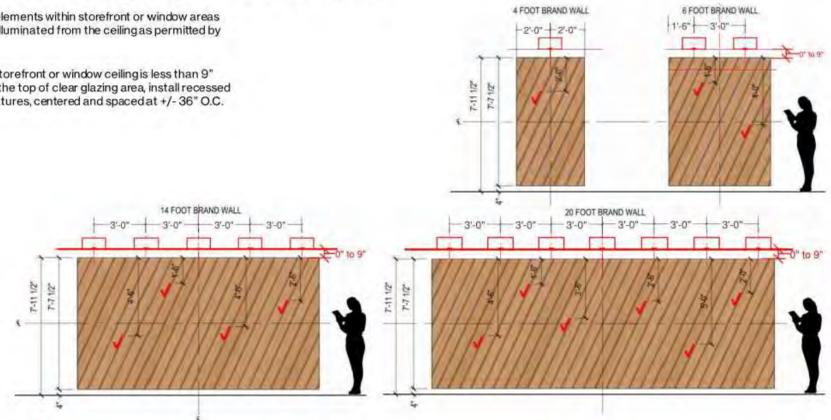


15 LIGHTING - INTERIOR RED CHECK - ALCOVES
 N.T.S.

Recessed lighting | Brand Wall

Branding elements within storefront or window areas should be illuminated from the ceiling as permitted by Code.

- If the storefront or window ceiling is less than 9" above the top of clear glazing area, install recessed light fixtures, centered and spaced at +/- 36" O.C.

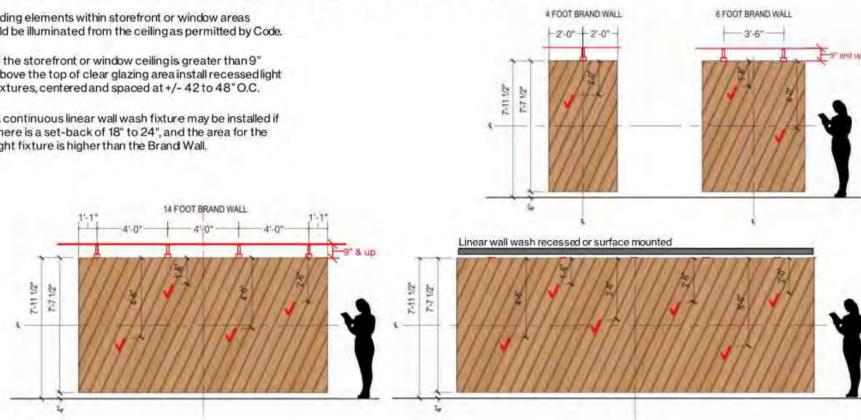


12 RECESSED LIGHTING - BRAND WALL
 N.T.S.

Track and linear lighting | Brand Wall

Branding elements within storefront or window areas should be illuminated from the ceiling as permitted by Code.

- If the storefront or window ceiling is greater than 9" above the top of clear glazing area, install recessed light fixtures, centered and spaced at +/- 42 to 48" O.C.
- A continuous linear wall wash fixture may be installed if there is a set-back of 18" to 24", and the area for the light fixture is higher than the Brand Wall.



14 TRACK & LINEAR LIGHTING - BRAND WALL
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PROJECT NAME

Verizon
Lake City
NextGen Refresh
 2750 W US Hwy. 90
 Lake City, FL 32055

PROJECT NUMBER	22152E	
DRAWN BY	CBH	
ISSUED DATE	12/20/2022	
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SHEET TITLE

Lighting
Details

SHEET NUMBER

93.03

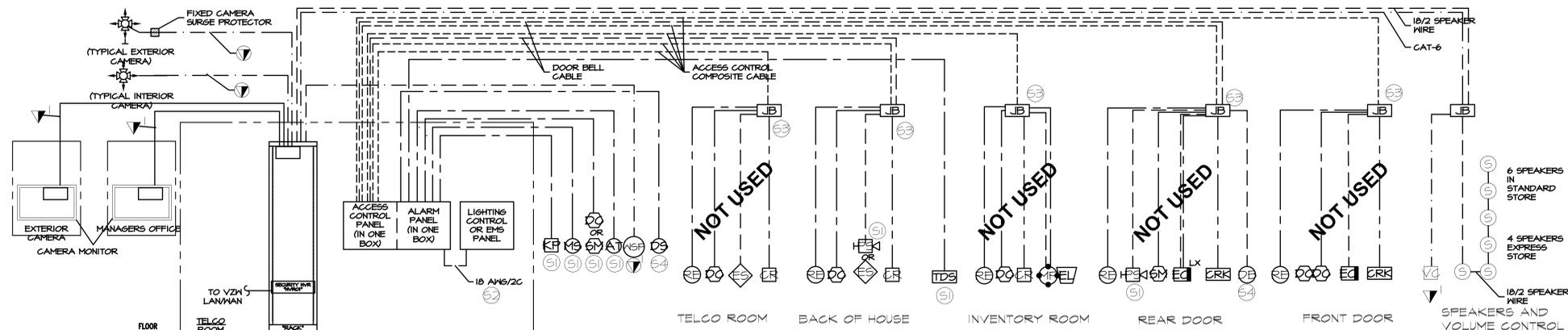
PHASE
Permit Documents

CABLE SCHEDULE		
SYMBOL	DEVICE	CABLE
Ⓢ		22G, 4 COND. OAS
	LOW VOLTAGE POWER CABLE	18G, 2 COND.
	ACCESS CONTROL COMPOSITE CABLE (ONLY WHEN PS IS USED AT INTERIOR DOOR.)	
		22G, 4 COND. SOLID
	ANALOG CAMERAS	R659 COAX & 18G, 2 COND.
	LOCKERS	18G, 6 COND.
	NETWORK PERFORMANCE MONITOR	CAT-6
	BISCUIT BOX DATA PORT	CAT-6
	PULL STRING ONLY IN FLOOR BOX	-
	CEILING MOUNTED SPEAKER	18-2G-P-WHT-500
	FLOOR BOX: X=NUMBER OF PORTS	CAT-6
	WIRELESS ACCESS POINT	CAT-6
	DATA WALL PLATE: X=NUMBER OF PORTS	CAT-6
	PULL STRING ONLY WALL MOUNT	-
	SPEAKER VOLUME CONTROL	CAT-6

DEVICE/FIXTURE	DATA JACK COUNT	NOTES
TRAFFICORBIT	1 PER ENTRANCE	DATA BOX BISCUIT ABOVE CEILING.
HAPS	1 PER QUANTITY 5	CEILING MOUNT ONLY. 2 FOR RSN, OPPOSITE CORNERS OF SALES FLOOR. 3 FOR VZ DEVICES, CENTERED ON CEILING (2 ON SALES FLOOR AND 1 IN THE BACK OFFICE).
DIGITAL - DIGITAL DISPLAY	2 PER FIXTURE	STANDARD TRENCHED/FLOOR. IF IN CEILING, PROVIDE 10' SERVICE LOOP AND BISCUIT ABOVE CEILING.
SPOT - SPOTLIGHT	3 PER FIXTURE	
CT - COLLABORATION TABLE/BAR (ALL SIZES)	1 PER FIXTURE	EXPRESS PICKUP (CT-3) INCLUDED
BT - BUSINESS TABLE	1 PER FIXTURE	
EXP - EXPERIENCE TABLE (ALL SIZES)	1 PER FIXTURE	
AISLE OR ISFU TABLE	2 PER FIXTURE	
NPM (NETWORK PERFORMANCE MONITOR)	1 PER DEVICE	LOCATED AT OR NEAR POS AREA
TM - TICKER SHELF/MONITORS	2 NEAREST DOOR + 1 PS OTHERS	1 DUPLEX NEAREST DOOR. FULL STRING ONLY FOR OTHER TM SPACES.
DR - DEVICE RACK	1 PER FIXTURE	MAY REMOVE DATA-ONLY CONDUIT WHERE NO POWER CONDUIT IS PRESENT.
CD - CASE GALLERY	2 PER POWER	MAY REMOVE DATA-ONLY CONDUIT WHERE NO POWER CONDUIT IS PRESENT.
SS - WALL CASE (ALL SIZES)	2 PER POWER	2 PER 4' SECTION IF FREESTANDING AND/OR DAISY CHAIN (NHIP) POWER
SH - SLAT WALL	2 PER POWER	MAY REMOVE DATA-ONLY CONDUIT WHERE NO POWER CONDUIT IS PRESENT.
ETL - 5G HUB	3 PER FIXTURE	
DW- DEVICE WALL	2 PER POWER	ALSO CALLED LIVE TRY
AW - ACCESSORY WALL	2 PER POWER	ALSO CALLED ACCESSORY BAY
AM - ATTRACT MONITOR (EXPRESS)	2 PER POWER	ALSO CALLED VIDEO WALL
KT - KID TABLE	1 FULL STRING ONLY	
LR - 5G LIVING ROOM	3 PER FIXTURE	FORMAL FIXTURE NAME TBD.
BPK	2 PER DEVICE	
4-POS (POS 4' FLOOR FIXTURE)	2 PER FIXTURE	
5-POS (POS 5' WORKSTATION)	6 PER FIXTURE	
MGR/TRAINING STATIONS	2 PER CHAIR/SPACE	
MFD/COPIER/PRINTER	2 PER DEVICE	
INVENTORY MONITOR (EXPRESS)	1 PER DEVICE	ALSO CALLED ORDER BOARD
SMART BOARD (SB/SM)	1 PER DEVICE	
INV WORKSTATION	4 PER CHAIR/SPACE	
DEVICE SAFE	1 PER DEVICE	
VOLUME CONTROL	1 PER 5-POS	WALL MOUNT CAT-6 TO TELCO RACK - AMP SHELF
SPEAKERS	LV SPEAKER WIRE PER DEVICE	SOUND/SPEAKER CABLING (4 FOR EXPRESS, 6 FOR NEXTGEN? SPACED EVENLY ABOVE SALES FLOOR)
CM CAMERA MONITOR LOCKERS	1 PER DEVICE 5 PER DEVICE	LABELLED VLI, VL2, VL3, VL4, G1

RECOMMENDED VENDORS	
NFLEXON: TODD TASKERUD VERIZON@NFLEXON.COM 855-635-3466 T.TASKERUD@NFLEXON.COM 714-240-2222	RXL: ADI SANCHEZ ASANCHEZ@RXLUSA.COM 805-410-5448

RESPONSIBILITY MATRIX							
ALL WORK IS BY THE GENERAL CONTRACTOR UNLESS NOTED, OTHERWISE AS FOLLOWS:							
EC - ELECTRICAL CONTRACTOR				GC - GENERAL CONTRACTOR			
JCI - DIRECT EQUIPMENT PROVIDER FOR VERIZON				CC - COMMUNICATION CONTRACTOR			
VZ - VERIZON CORPORATE SECURITY				E+ - ENGINEERING PLUS (SECURITY CONSULTANT)			
SC - SECURITY CONTRACTOR (VENDOR)							
DEVICE	VENDOR	PART NUMBER	FURNISH	CABLE	INSTALL	PROGRAM	TEST
CABLE							
CATEGORY 6 UTP CABLE, PLENUM, 1000', WHITE	NFLEXON	CB06UPH01KO	GC	GC	GC	-	GC
CATEGORY 6 UTP CABLE, RISER, 1000', WHITE	NFLEXON	CB06INPH01KO	GC	GC	GC	-	GC
RACK PARTS LIST							
2U 48-PORT CAT-6 UTP ANGLED PATCH PANEL	NFLEXON	PP06ANBK48PO	GC	-	GC	-	-
18" TWO POST STANDARD 48U WELDED RACK - NO EXCEPTIONS	RXL	2021-BK-10-T	GC	-	GC	-	-
VERTICAL CABLE MANAGER	RXL	3353-BK10065	GC	-	GC	-	-
1U SINGLE SIDED UNIVERSAL HORIZONTAL CABLE MANAGER	RXL	3010-02-01	GC	-	GC	-	-
2U SINGLE SIDED UNIVERSAL HORIZONTAL CABLE MANAGER	RXL	3010-02-02	GC	-	GC	-	-
1U FILLER PANEL, BLACK	RXL	2030-02-01	GC	-	GC	-	-
2U FILLER PANEL, BLACK	RXL	2030-02-02	GC	-	GC	-	-
SINGLE VENTED SHELF, 18" WIDE X 18" DEEP, 2U BLACK	RXL	2033-02-02	GC	-	GC	-	-
1U POWER STRIP - 10 OUTLETS	RXL	HBPU-1U100	GC	-	GC	-	-
BUS BAR KIT	RXL	4212-T6B	GC	-	GC	-	-
BUS BAR INSULATOR ASSEMBLIES	RXL	9045-5BB	GC	-	GC	-	-
CONCRETE FLOOR INSTALLATION KIT	RXL	2038-CZ-01	GC	-	GC	-	-
VELOCITY CABLE SPOOL KIT, 4 SPOOLS, 2" DIAMETER X 6' LONG	RXL	8502-02-01	GC	-	GC	-	-
FLOOR PARTS LIST							
CATEGORY 6 UTP KEYSTONE JACK, GRAY	NFLEXON	KJCT06GR0010	GC	-	GC	-	-
CATEGORY 6 UTP KEYSTONE JACK, WHITE	NFLEXON	KJCT06WH0010	GC	-	GC	-	-
2 PORT FACEPLATE, PLASTIC, GRAY	NFLEXON	FPKYSJGR02PO	GC	-	GC	-	-
2 PORT FACEPLATE, PLASTIC, WHITE	NFLEXON	FPKYSJWH02PO	GC	-	GC	-	-
4 PORT FACEPLATE, PLASTIC, WHITE	NFLEXON	FPKYSJWH04PO	GC	-	GC	-	-
6 PORT FACEPLATE, PLASTIC, WHITE	NFLEXON	FPKYSJWH06PO	GC	-	GC	-	-
MOUNTING BOX, SINGLE GANG, WHITE	NFLEXON	MBGANGWH0010	GC	-	GC	-	-
FACEPLATE BLANKS, PLASTIC, GRAY, BAG OF 20	NFLEXON	FPBLNKGR0500	GC	-	GC	-	-
FACEPLATE BLANKS, PLASTIC, WHITE, BAG OF 20	NFLEXON	FPBLNKWH0500	GC	-	GC	-	-
1 PORT SURFACE MOUNT BOX, WHITE	NFLEXON	SMKYSJWH01PO	GC	-	GC	-	-
2 PORT SURFACE MOUNT BOX, WHITE	NFLEXON	SMKYSJWH02PO	GC	-	GC	-	-
WIRELESS ACCESS POINTS	VZ	VZ	VZ	GC	GC	-	-
WAP BRACKETS	VZ	VZ	VZ	-	GC	-	-
AUDIO SYSTEM AND SPEAKERS							
DEVICE	VENDOR	PART NUMBER	FURNISH	CABLE	INSTALL	FINAL CONNECTIONS	TEST
FLUSH MOUNT SPEAKER (TAP SET BY INSTALLER OR GC)	ATLAS SOUND	FAP42TC	VZ	GC	GC	-	SC
PENDANT MOUNT SPEAKER (TAP SET BY INSTALLER OR GC)	JBL	65P/T-WH	VZ	GC	GC	-	SC
SPEAKER WIRE 18GA-2COND. UNSHIELDED, PLENUM WHITE	LIBERTY SOLUTIONS	18-2G-P-WHT-500	VZ	GC	GC	-	GC
AUDIO AMPLIFIER	JBL	TBD	VZ	-	GC	-	VZ-GC
WALL CONTROLLER WITH VOLUME CONTROL - WHITE	JBL	JBLCSR-VHTV	VZ	-	GC	SC	SC-VZ
HUM KILLER TRANSFORMER	RADIO DESIGN LABS	AV-HKI	VZ	-	GC	SC	SC-VZ
6FT AUDIO CABLE RCA (M) TO RCA (M)	C26	13033	VZ	-	GC	SC	SC-VZ
CABLE WRAP 25FT - BLACK	C26	24853	VZ	-	GC	SC	SC-VZ
SECURITY							
DEVICE	VENDOR	PART NUMBER	FURNISH	CABLE	INSTALL	FINAL CONNECTIONS	TEST
CAMERAS	AXIS	SEE SECURITY PLAN	JCI-VZ	GC	GC	GC	SC-VZ
CAMERA BOX	AXIS	TO FIT CAMERA	JCI-VZ	-	GC	-	-
CAMERA CONDUIT	-	-	GC	-	GC	-	-
NETWORK VIDEO RECORDER & POE SWITCH FOR CAMERAS ONLY	AD	-	VZ	GC	SC-VZ	SC-VZ	SC-VZ
CAMERA MONITOR (PROGRAM CAMERA VIEWS PER MONITOR)	WB	OE-52LEDMON	JCI-VZ	GC	GC	GC	SC
CAMERA MONITOR MOUNT	-	-	JCI-VZ	-	GC	-	-
BALUN FOR CAMERA MONITOR	-	-	JCI-VZ	-	GC	SC	SC
CARD READER + DOOR CONTACT + REX MOTION (PARTS)	SOFTWARE HOUSE	-	JCI-VZ	GC	GC	GC	SC-VZ
PREPARE CARD ACCESS AT DOOR (GUT HOLES FOR DOOR CONTACT)	-	-	GC	-	GC	-	-
PREPARE CARD ACCESS AT DOOR (BOXES/CONDUIT)	-	-	GC	-	GC	-	-
ONE-BOX CONTROL PANEL (1STAR-1DSC-1PS)	SOFTWARE HOUSE	-	JCI-VZ	GC	GC	GC	SC
BATTERIES FOR ONE BOX AND ALARM PANEL	-	12V 7AH	JCI-VZ	-	GC	SC	SC
WIRELESS ALARM DEVICES	DSI	-	JCI-VZ	-	GC	SC	SC
ALARM KEYPAD	DSI	H52LCD	JCI-VZ	GC	GC	SC	SC
ELECTRICAL BOX/CONDUIT FOR ALARM KEYPAD	-	-	GC	-	GC	-	-
ALARM MONITORING CENTRAL STATION (IF NOT REPORTING TO SOC, ELIZABETH NJ)	-	-	GC	-	GC	SC	SC
ELECTRIC CRASH BAR + POWER SUPPLY (EXISTING)	-	-	-	-	-	GC	GC
ELECTRIC CRASH BAR + POWER SUPPLY (NEW)	-	-	GC	GC	GC	GC	GC
ELECTRIC LOCKSET + POWER TRANSFER HINGE/DOOR CORD	-	-	GC	GC	GC	GC	GC
DOOR PREP (CORE FOR WIRE TO LOCKSET)	-	-	GC	GC	GC	GC	GC
MULTI POINT LOCK FOR INVENTORY ROOM	SECURETECH	-	GC	GC	GC	GC	GC
LOCAL ALARM DEVICE	DETEX	ES00	GC	GC	GC	GC	GC
DOOR BELL	-	-	GC	GC	GC	GC	GC
ALL PENETRATIONS REQUIRE FIRESTOPPING AND WEATHERPROOFING	-	-	GC	-	GC	-	-



TYPICAL SECURITY WIRING DIAGRAM
SCALE: NONE



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 1414 Key Highway, Suite M301
 Baltimore, Maryland 21230
 443-490-7201

MEP ENGINEER
Telogent Engineering, Inc.
 2216 Commerce Road, Suite 1
 Forest Hill, Maryland 21050
 410-692-5816

STAMP

Florida State Statute Requirement: This item has been electronically signed and sealed by Timothy J. Smith using a digital signature and date. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

CLIENT/OWNER
Verizon
 James Baxter
 One Verizon Place
 2B1-FAC
 Alpharetta, Georgia 30004

PROJECT NAME

Verizon
Lake City
NextGen Refresh
 2750 W US Hwy. 90
 Lake City, FL 32055

PROJECT NUMBER	22152E	
DRAWN BY	CBH	
ISSUED DATE	12/20/2022	
NO.	REVISION	DATE

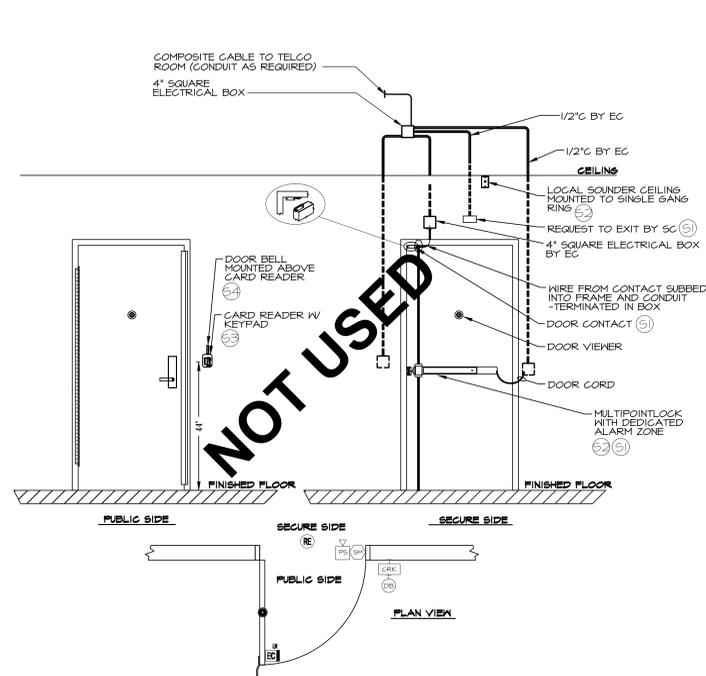
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Low Voltage Schedules & Riser

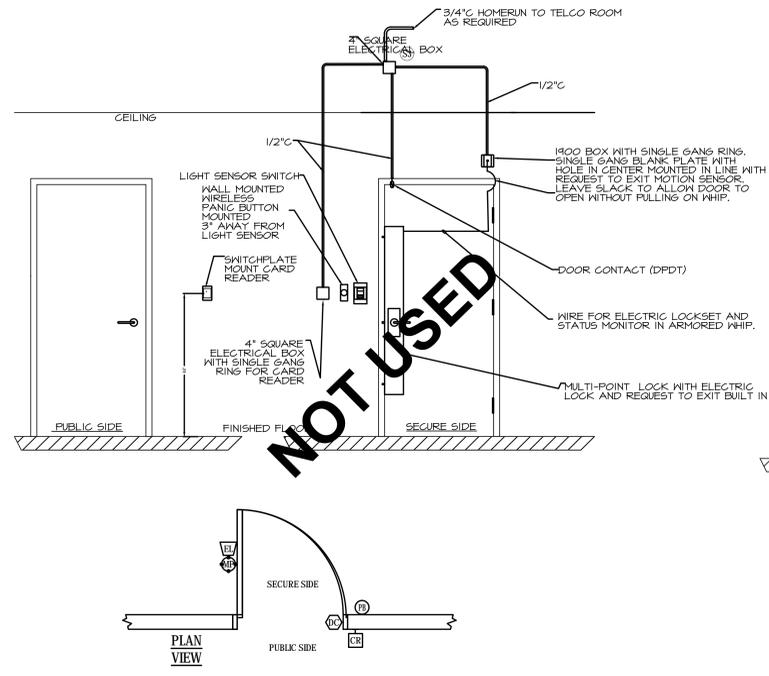
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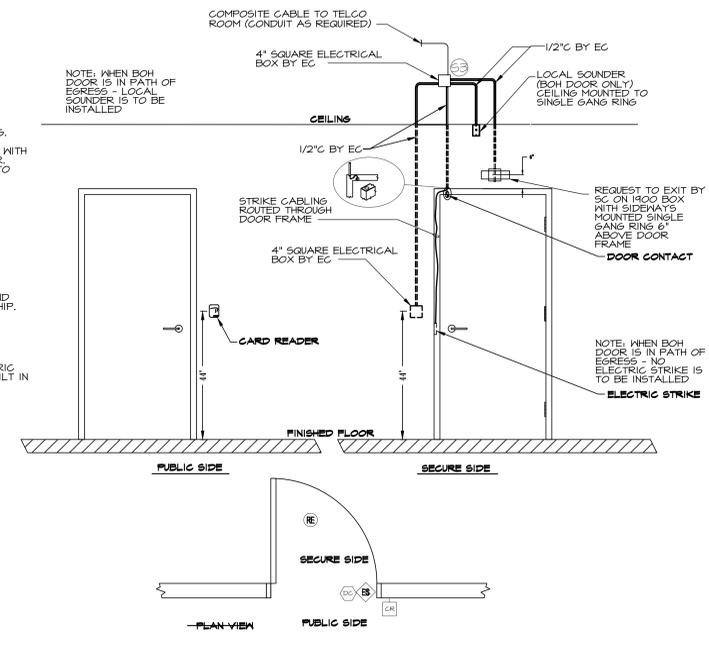
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 Permit Documents



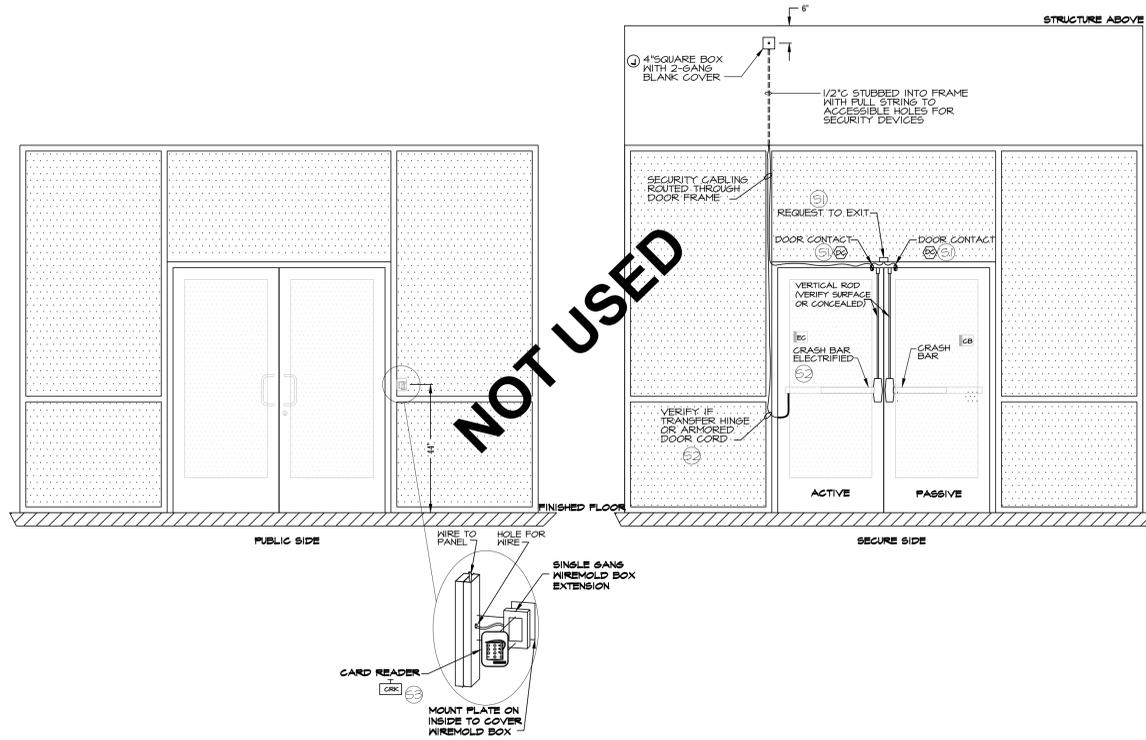
① PERIMETER SOLID ENTRY DOOR
 SCALE: NONE



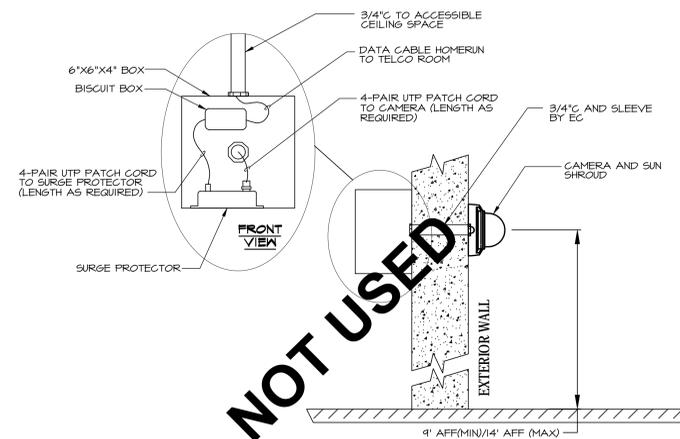
② INVENTORY ROOM
 SCALE: NONE - REFER TO SHEET LV.2.0 FOR SYMBOL AND CABLE TYPES



③ INTERIOR DOOR CARD READER
 SCALE: NONE



④ DOUBLE DOOR TYPICAL STOREFRONT ELEVATION
 SCALE: NONE



⑤ OUTDOOR WALL MOUNT CAMERA DETAIL
 SCALE: NONE

- NOTES:
- CAMERA SHALL BE MOUNTED MINIMUM OF 3' FROM EXTERIOR LIGHTING. EC SHALL COORDINATE WITH SC AND ARCHITECT FOR FINAL LOCATION OF ALL EXTERIOR CAMERAS.
 - ALL FIRESTOPPING AND WEATHERPROOFING SHALL BE FURNISHED AND INSTALLED BY GC

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Verizon
 James Baxter
 One Verizon Place
 2B1-FAC
 Alpharetta, Georgia 30004
 PROJECT NAME

Verizon
Lake City
NextGen Refresh
 2750 W US Hwy. 90
 Lake City, FL 32055

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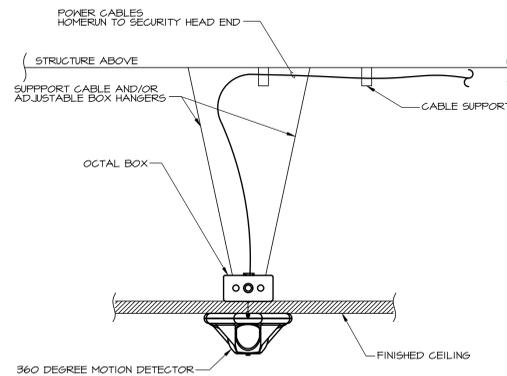
© CONTENTS COPYRIGHT 2022 TELEAGENT ENGINEERING, INC.
 SHEET TITLE

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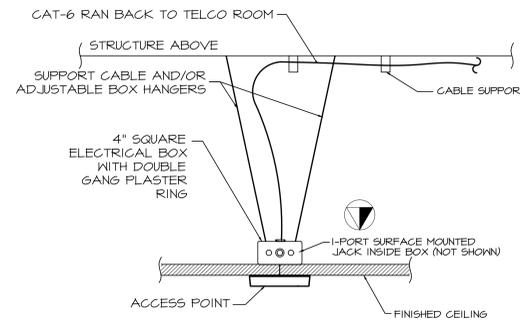
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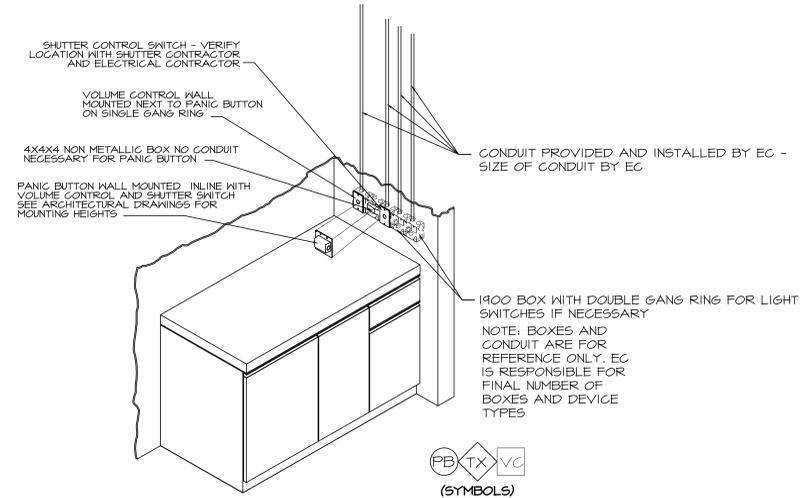
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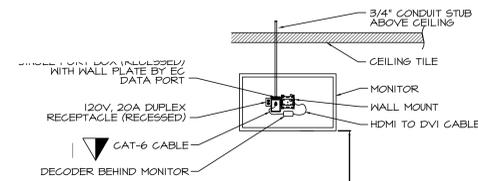
① **CEILING MOUNT MOTION DETECTOR**
 SCALE: NONE (MS) (SYMBOL)



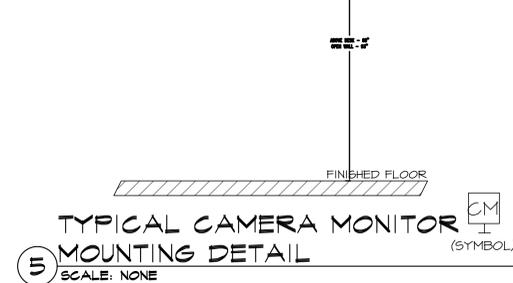
② **CEILING MOUNT ACCESS POINT DETAIL**
 SCALE: NONE (AP) (NPM) (SYMBOL)



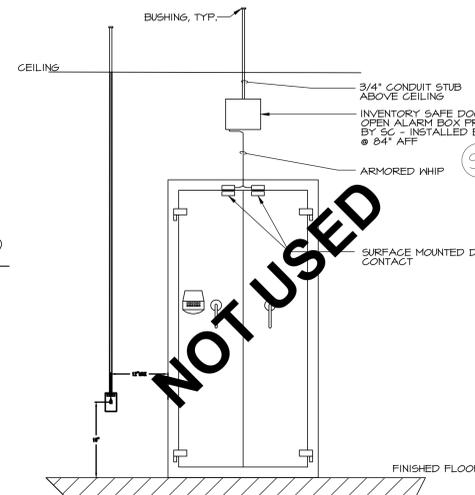
③ **POS NOOK MOUNTING DETAIL**
 SCALE: NONE (PB) (TX) (VC) (SYMBOLS)



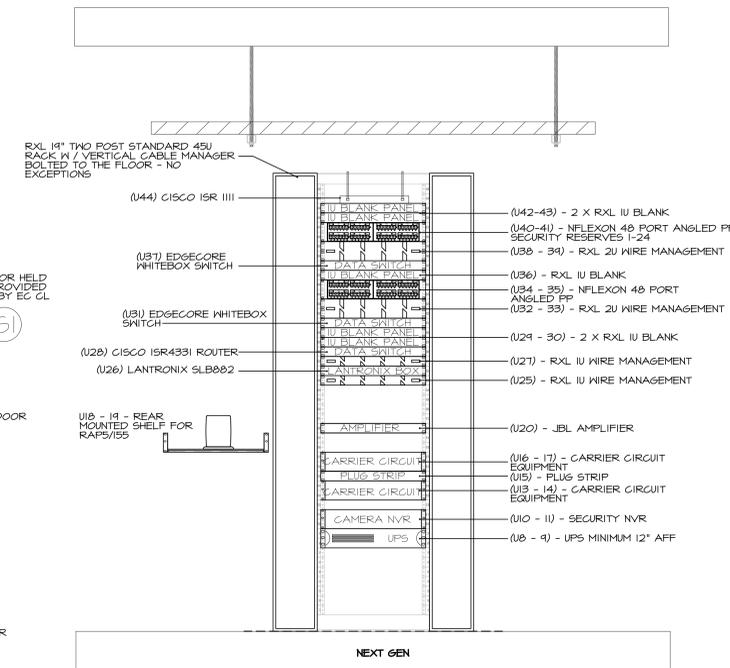
④ **FINISHED CEILING MOTION DETECTOR OR ALARM TRANSCIEVER DETAIL**
 SCALE: NONE (MS) (AT) (SYMBOLS)



⑤ **TYPICAL CAMERA MONITOR MOUNTING DETAIL**
 SCALE: NONE (CM) (SYMBOL)



⑥ **INVENTORY SAFE ALARM**
 SCALE: NONE (TDS) (SYMBOL)



⑦ **TELCO RACK ELEVATION**
 SCALE: NONE

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SHEET TITLE
Security Details

SHEET NUMBER
93.06

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